

# Tugas 10

**Nama : Feri Kusuma Wardhana**

**NIM : 2113010226**

**Grup : 1B**

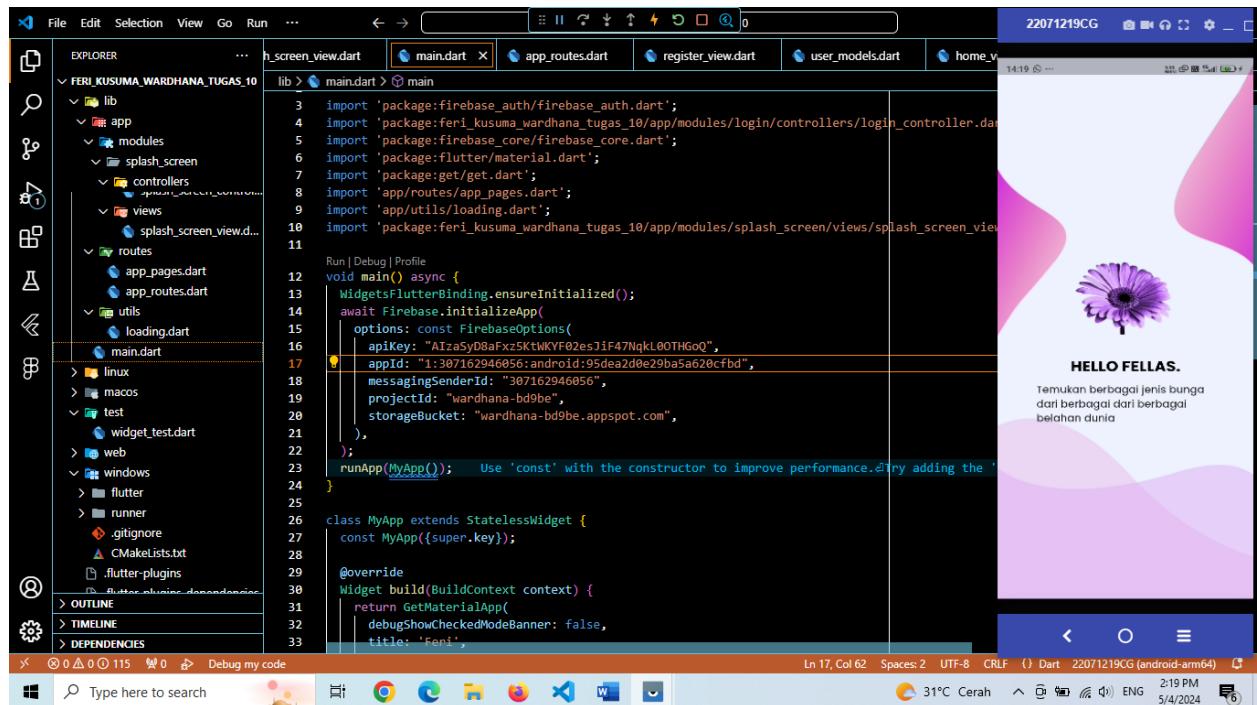
Saya telah mempersiapkan dengan kode ini ke git hub akan tetapi untuk folder build saya hapus karena file yang besar dan didalamnya juga ada pdf lengkapnya, berikut adalah linknya

Github untuk kode ini : <https://github.com/ferikw/Tugas-10-Feri-Kusuma-W.git>

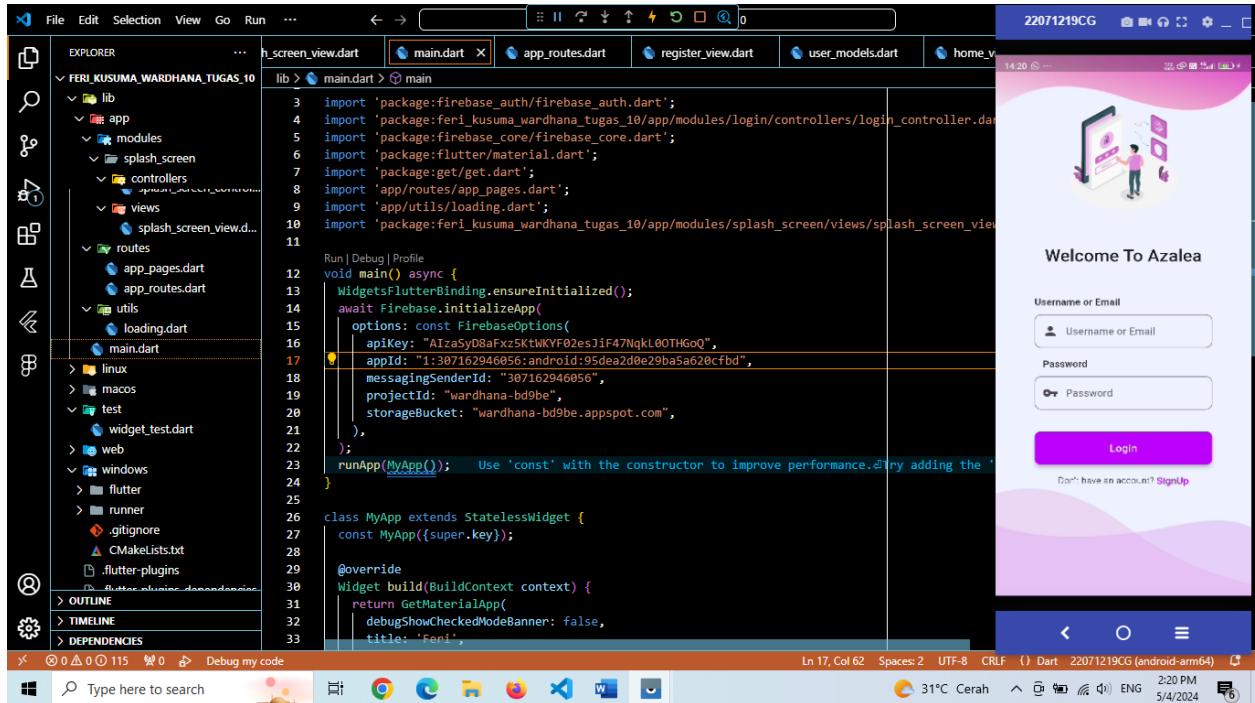
Saya telah melakukan screenshot dari kode dan hasil tampilan dari kode yang telah saya buat , Saya telah membuat kode sesuai tugas yang ada di tugas 10 , hasil tampilan aplikasi adalah sebagai berikut , berikut adalah hasil tampilan aplikasi yang dibuat dan juga berisi hasil build apk yang berada pada rar hasil apk

## A. Tampilan Aplikasi

1. Berikut adalah tampilan dari halaman splash screen



2. Berikut adalah tampilan dari halaman login setelah delay dari splashscreen 5 detik



The screenshot shows a Windows desktop with a Flutter project open in an IDE. The project structure on the left includes files like `lib/main.dart`, `lib/app_routes.dart`, and `lib/splash_screen/splash_screen_view.dart`. The main.dart file contains code for initializing Firebase and running the application. On the right, a mobile application is displayed with a pink header and a purple background. It features a large smartphone icon and the text "Welcome To Azalea". Below the header is a form with fields for "Username or Email" and "Password", followed by a "Login" button and a "Don't have an account? [SignUp](#)" link.

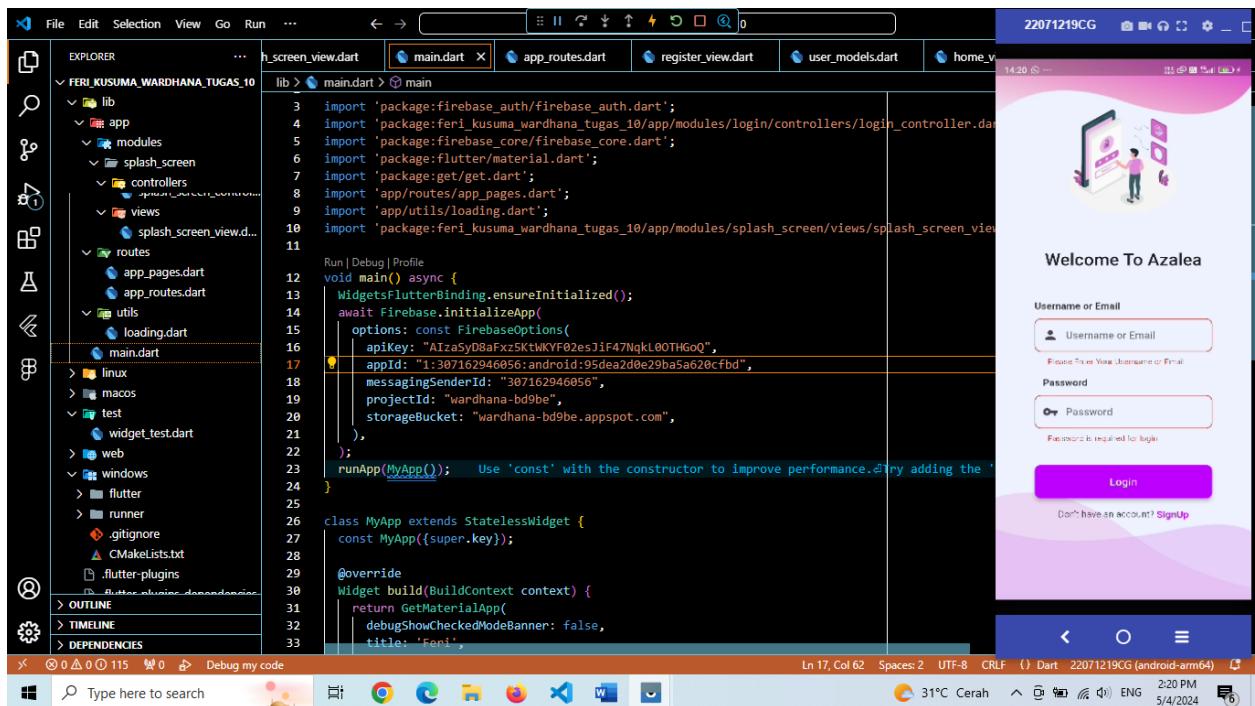
```
import 'package:firebase_auth/firebase_auth.dart';
import 'package:feri_kusuma_wardhana_tugas_10/app/modules/login/controllers/login_controller.dart';
import 'package:firebase_core/firebase_core.dart';
import 'package:flutter/material.dart';
import 'package:get/get.dart';
import 'app/routes/app_pages.dart';
import 'app/utils/loading.dart';
import 'package:feri_kusuma_wardhana_tugas_10/app/modules/splash_screen/views/splash_screen_view.dart';

void main() async {
  WidgetsFlutterBinding.ensureInitialized();
  await Firebase.initializeApp(
    options: const FirebaseOptions(
      apiKey: "AIzaSyD8afxz5KtwKYF02esJ1f47NgkL0OTHGoQ",
      appId: "1:307162946056:android:95dea2d0e29ba5a620cfbd",
      messagingSenderId: "307162946056",
      projectId: "wardhana-bd9be",
      storageBucket: "wardhana-bd9be.appspot.com",
    ),
  );
  runApp(MyApp());
}

class MyApp extends StatelessWidget {
  const MyApp({super.key});

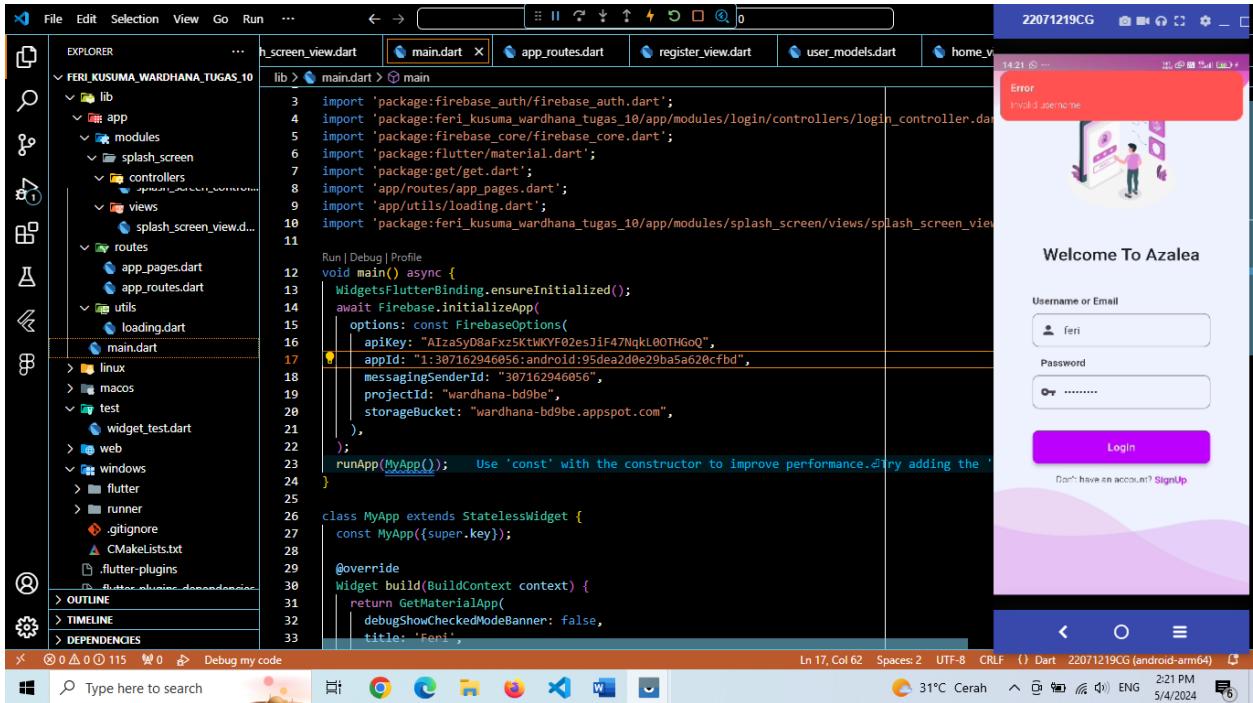
  @override
  Widget build(BuildContext context) {
    return GetMaterialApp(
      debugShowCheckedModeBanner: false,
      title: 'Feni',
    );
}
```

3. Kemudian jika diklik login tanpa memasukkan input maka akan ada pesan permintaan untuk diisi



This screenshot is identical to the one above, showing the same project structure and code in main.dart. However, the mobile application on the right is now blurred, suggesting it has been interacted with. The blurred area covers the top half of the screen, where the "Welcome To Azalea" text and the login form would normally be visible.

4. Kemudian jika diklik username dan password yang salah maka akan muncul snackbar erorr



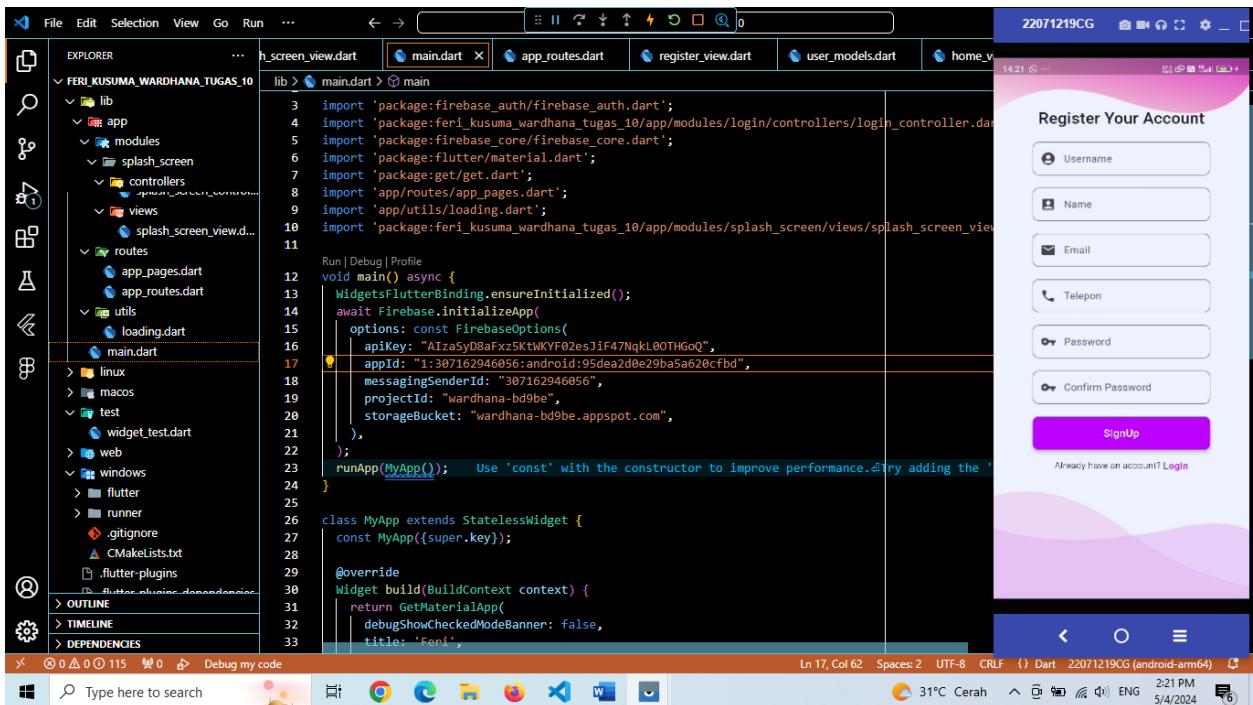
The screenshot shows a Flutter application running on an Android emulator. The app's splash screen is visible with the title "Welcome To Azalea". A modal dialog box is displayed with the message "Error" and "Invalid username". The code editor on the left shows the main.dart file with a line of code highlighted at line 17:

```

    options: const FirebaseOptions(
      apiKey: "AIzaSyD8Afxz5KtKVf02esJiF47NqkL00THGoQ",
      appId: "1:307162946056:android:95dea2d0e29ba5a620cfbd",
      messagingSenderId: "307162946056",
      projectId: "wardhana-bd9be",
      storageBucket: "wardhana-bd9be.appspot.com",
    ),
  );

```

5. kemudian ketik signup untuk masuk ke register dan berikut tampilan halaman register



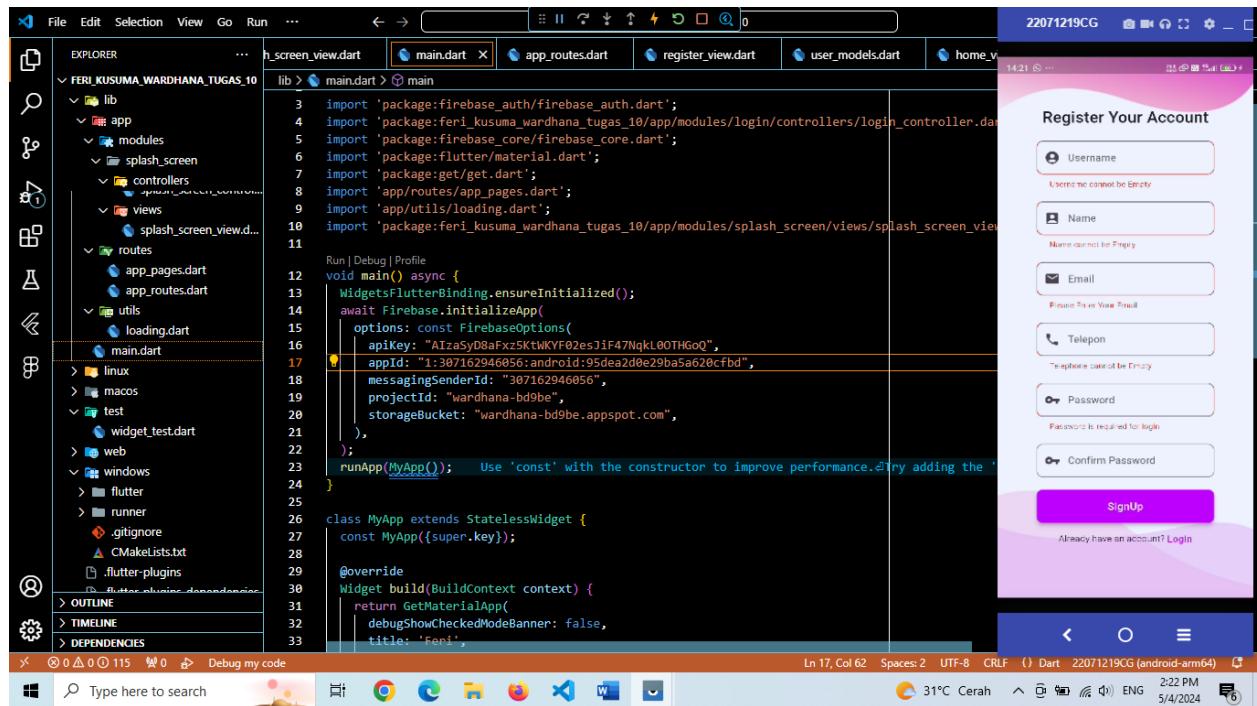
The screenshot shows the same Flutter application running on an Android emulator, but now on the registration screen. The title "Register Your Account" is visible. The registration form contains fields for "Username", "Name", "Email", "Telepon", "Password", and "Confirm Password", each with a corresponding icon. A "SignUp" button is at the bottom right, and a "Login" link is at the bottom left. The code editor on the left shows the main.dart file with a line of code highlighted at line 17:

```

    options: const FirebaseOptions(
      apiKey: "AIzaSyD8Afxz5KtKVf02esJiF47NqkL00THGoQ",
      appId: "1:307162946056:android:95dea2d0e29ba5a620cfbd",
      messagingSenderId: "307162946056",
      projectId: "wardhana-bd9be",
      storageBucket: "wardhana-bd9be.appspot.com",
    ),
  );

```

6. Kemudian jika langsung di klik sign up tanpa input maka akan ada permintaan untuk mengisi semua inputan dan juga email juga harus benar

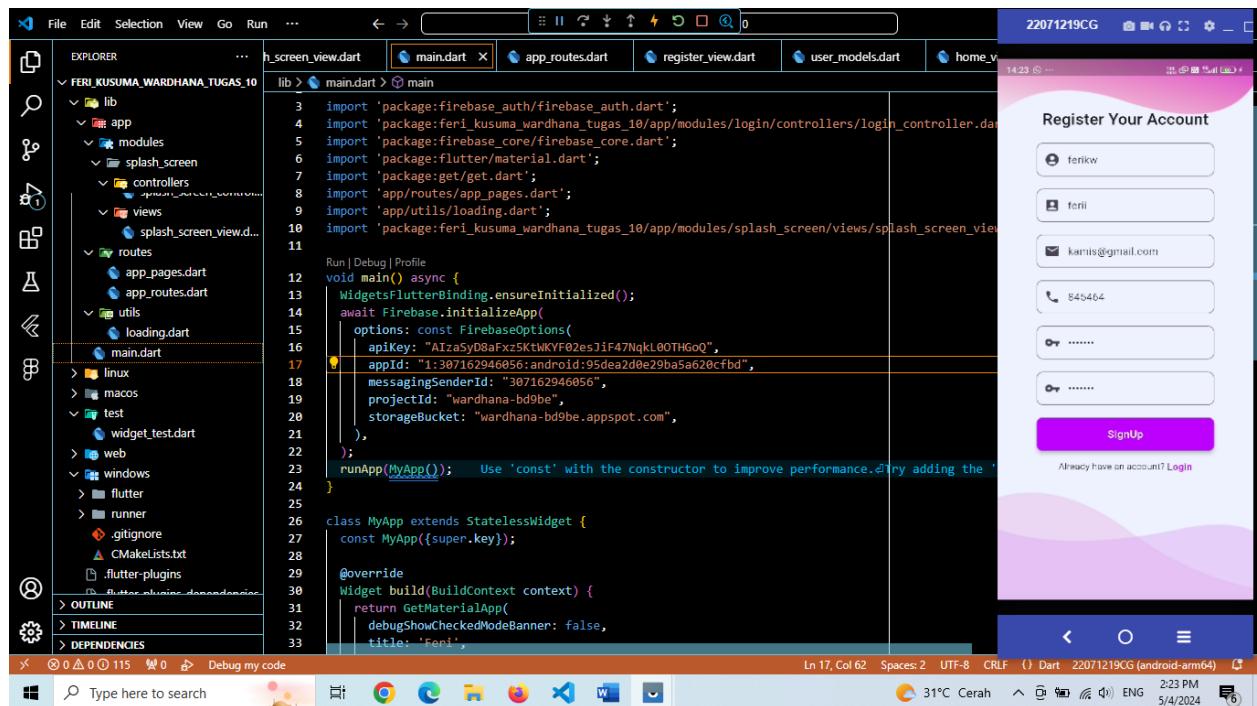


```

File Edit Selection View Go Run ...
EXPLORER lib > main.dart ...
FERI_KUSUMA_WARDHANA_TUGAS_10
  lib
    > app
      > modules
        > splash_screen
          > controllers
            > views
              splash_screen_view.dart
        > routes
          app_pages.dart
          app_routes.dart
        > utils
          loading.dart
    main.dart
      > main.dart
        > main.dart
          import 'package:firebase_auth/firebase_auth.dart';
          import 'package:feri_kusuma_wardhana_tugas_10/app/modules/login/controllers/login_controller.dart';
          import 'package:firebase_core/firebase_core.dart';
          import 'package:flutter/material.dart';
          import 'package:get/get.dart';
          import 'app/routes/app_pages.dart';
          import 'app/utils/loading.dart';
          import 'package:feri_kusuma_wardhana_tugas_10/app/modules/splash_screen/views/splash_screen_view.dart';
          Run | Debug | Profile
          void main() async {
            WidgetsFlutterBinding.ensureInitialized();
            await Firebase.initializeApp(
              options: const FirebaseOptions(
                apiKey: "AIzaSyD8afxz5KtWKF02esJiF47NqkL0OTHGoQ",
                appId: "1:307162946056:android:95dea2d0e29ba5a620cfbd",
                messagingSenderId: "307162946056",
                projectId: "wardhana-bd9be",
                storageBucket: "wardhana-bd9be.appspot.com",
              ),
            );
            runApp(MyApp()); Use 'const' with the constructor to improve performance. Try adding the 'const' keyword.
          }
          class MyApp extends StatelessWidget {
            const MyApp({super.key});
            @override
            Widget build(BuildContext context) {
              return GetMaterialApp(
                debugShowCheckedModeBanner: false,
                title: 'Feri',
              );
            }
          }
        }
      }
    }
  }
  > outline
  > timeline
  > dependencies
  > 0 0 0 115 0 0 0 Debug my code
  Type here to search
  22071219CG (android-arm64)
  14:21 31°C Cerah 2:22 PM ENG 5/4/2024

```

7. Berikut jika diisi inputan

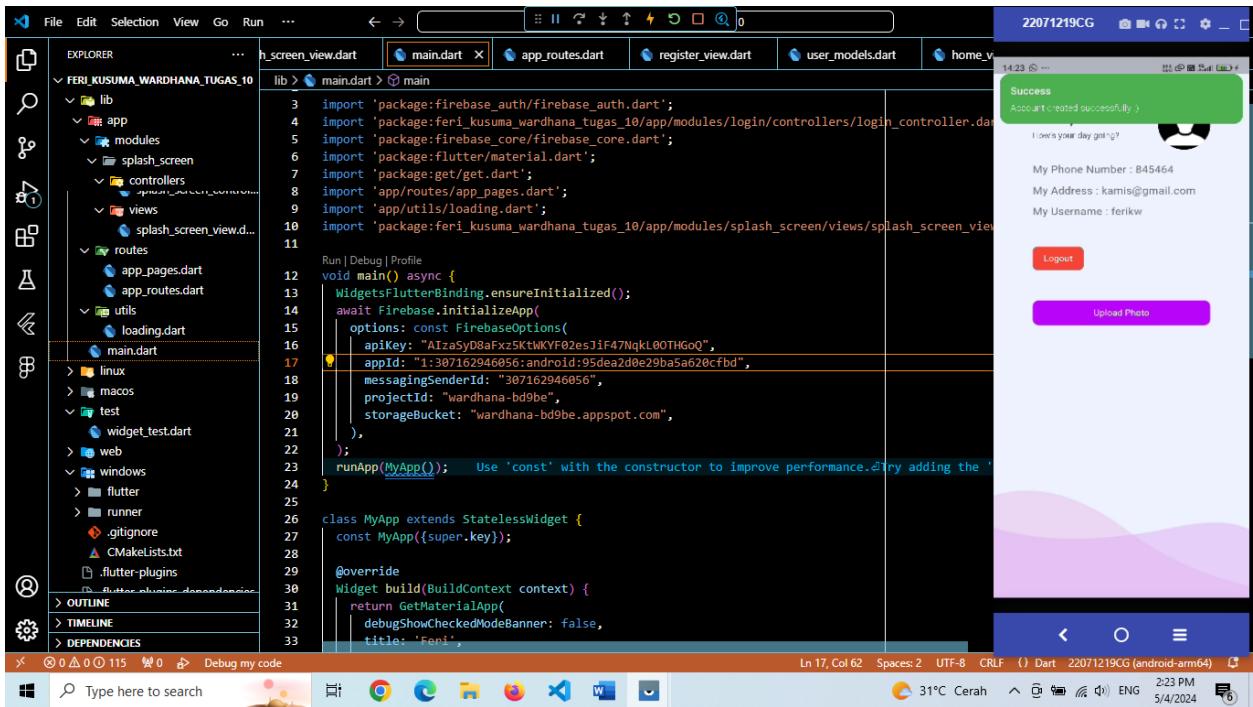


```

File Edit Selection View Go Run ...
EXPLORER lib > main.dart ...
FERI_KUSUMA_WARDHANA_TUGAS_10
  lib
    > app
      > modules
        > splash_screen
          > controllers
            > views
              splash_screen_view.dart
        > routes
          app_pages.dart
          app_routes.dart
        > utils
          loading.dart
    main.dart
      > main.dart
        > main.dart
          import 'package:firebase_auth/firebase_auth.dart';
          import 'package:feri_kusuma_wardhana_tugas_10/app/modules/login/controllers/login_controller.dart';
          import 'package:firebase_core/firebase_core.dart';
          import 'package:flutter/material.dart';
          import 'package:get/get.dart';
          import 'app/routes/app_pages.dart';
          import 'app/utils/loading.dart';
          import 'package:feri_kusuma_wardhana_tugas_10/app/modules/splash_screen/views/splash_screen_view.dart';
          Run | Debug | Profile
          void main() async {
            WidgetsFlutterBinding.ensureInitialized();
            await Firebase.initializeApp(
              options: const FirebaseOptions(
                apiKey: "AIzaSyD8afxz5KtWKF02esJiF47NqkL0OTHGoQ",
                appId: "1:307162946056:android:95dea2d0e29ba5a620cfbd",
                messagingSenderId: "307162946056",
                projectId: "wardhana-bd9be",
                storageBucket: "wardhana-bd9be.appspot.com",
              ),
            );
            runApp(MyApp()); Use 'const' with the constructor to improve performance. Try adding the 'const' keyword.
          }
          class MyApp extends StatelessWidget {
            const MyApp({super.key});
            @override
            Widget build(BuildContext context) {
              return GetMaterialApp(
                debugShowCheckedModeBanner: false,
                title: 'Feri',
              );
            }
          }
        }
      }
    }
  }
  > outline
  > timeline
  > dependencies
  > 0 0 0 115 0 0 0 Debug my code
  Type here to search
  22071219CG (android-arm64)
  14:23 31°C Cerah 2:23 PM ENG 5/4/2024

```

## 8. Berikut jika berhasil register dan akan snackbar berhasil



The screenshot shows a Flutter application running on an Android emulator. The main screen displays a success message: "Success Account created successfully :)" above a list of user details: "My Phone Number : 845464", "My Address : kamis@gmail.com", and "My Username : ferikw". Below the list are two buttons: "Logout" and "Upload Photo". On the left, the file explorer shows the project structure, including files like `main.dart`, `app_routes.dart`, and `register_view.dart`. The code editor on the right shows the `main.dart` file with the following code:

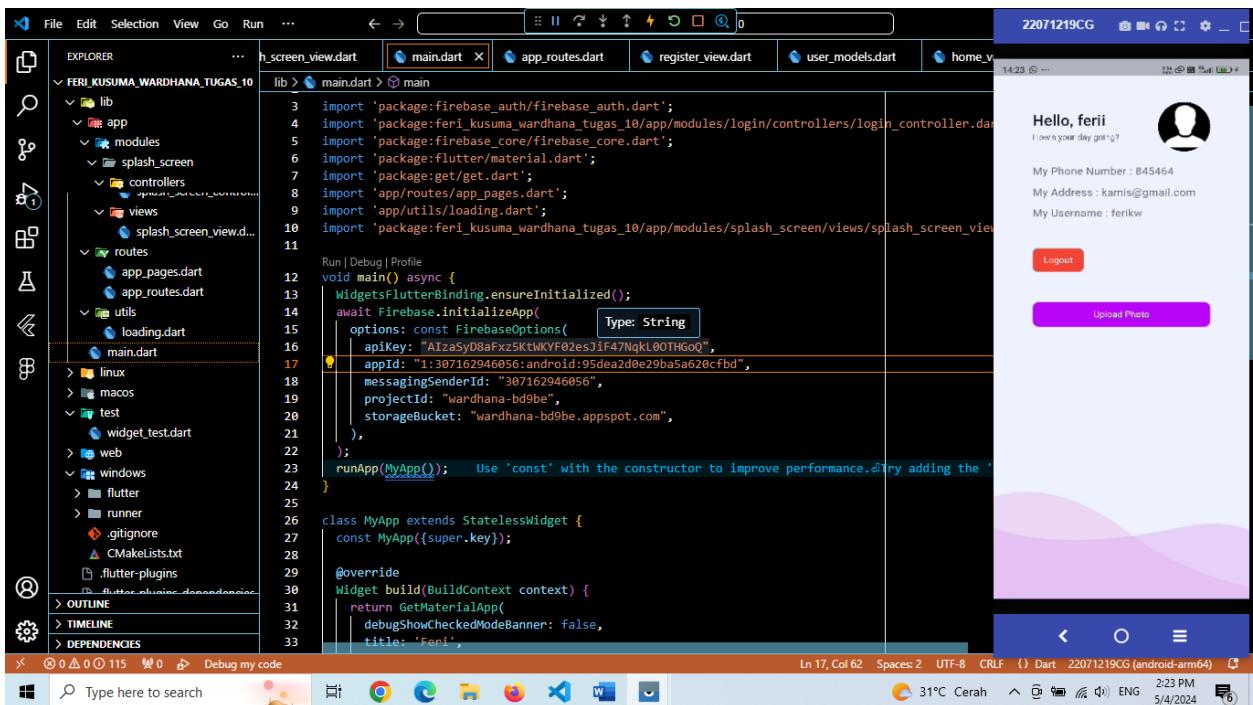
```
import 'package:firebase_auth/firebase_auth.dart';
import 'package:feri_kusuma_wardhana_tugas_10/app/modules/login/controllers/login_controller.dart';
import 'package:firebase_core/firebase_core.dart';
import 'package:flutter/material.dart';
import 'package:get/get.dart';
import 'app/routes/app_pages.dart';
import 'app/utils/loading.dart';
import 'package:feri_kusuma_wardhana_tugas_10/app/modules/splash_screen/views/splash_screen_view.dart';

void main() async {
  WidgetsFlutterBinding.ensureInitialized();
  await Firebase.initializeApp(
    options: const FirebaseOptions(
      apiKey: "AIzaSyD8afxz5KtWKYF02esJfF47NqkL00TH6QO",
      appId: "307162946056",
      messagingSenderId: "307162946056",
      projectId: "wardhana-bd9be",
      storageBucket: "wardhana-bd9be.appspot.com",
    ),
  );
  runApp(MyApp());
}

class MyApp extends StatelessWidget {
  const MyApp({super.key});

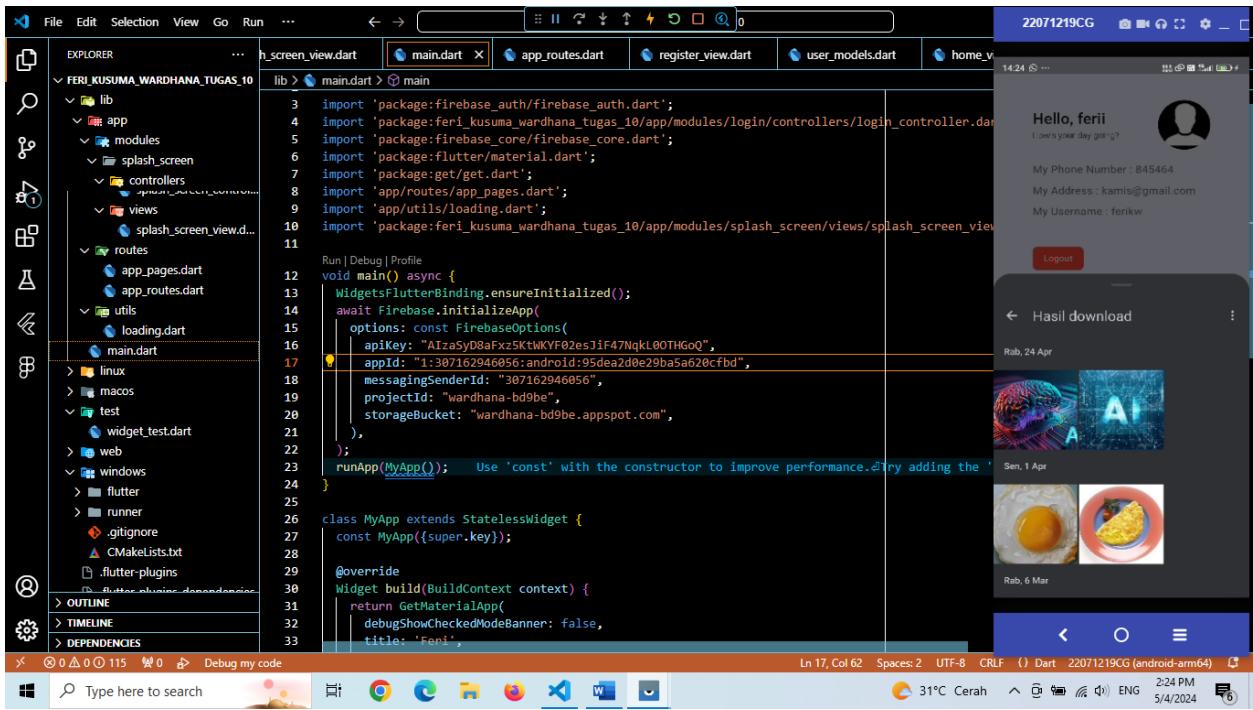
  @override
  Widget build(BuildContext context) {
    return GetMaterialApp(
      debugShowCheckedModeBanner: false,
      title: 'Feri',
    );
  }
}
```

## 9. Berikut adalah tampilan dari halaman beranda atau home



The screenshot shows the same Flutter application running on an Android emulator, displaying the home screen. The screen includes a header with the text "Hello, feri" and a placeholder "I love your day going?", followed by the user details: "My Phone Number : 845464", "My Address : kamis@gmail.com", and "My Username : ferikw". Below these details are the "Logout" and "Upload Photo" buttons. The file explorer and code editor are visible on the left and right respectively, showing the same project structure and `main.dart` code as in the previous screenshot.

## 10. Jika klik upload foto maka akan masuk ke galeri dan bisa memilih foto

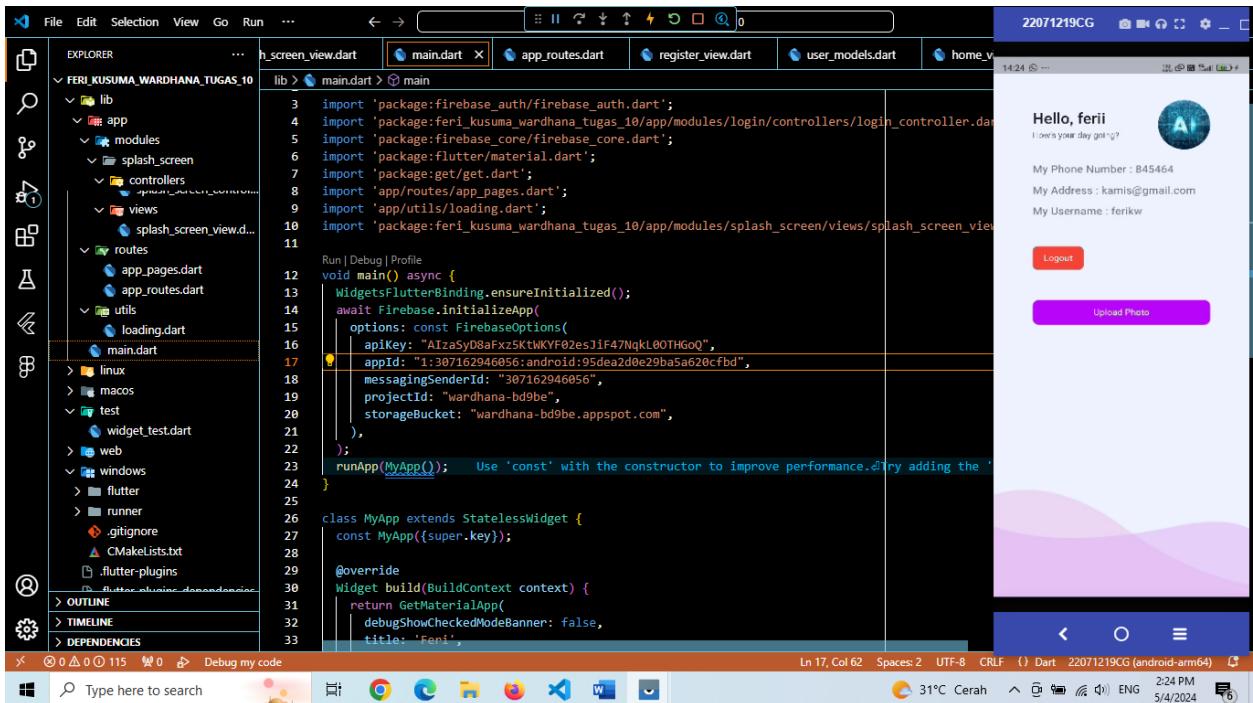


The screenshot shows a Windows desktop with a Flutter project open in an IDE. The left sidebar shows the project structure for 'FERI\_KUSUMA\_WARDHANA\_TUGAS\_10'. The main code editor window contains the 'main.dart' file with Dart code for initializing Firebase and running the application. To the right, a simulated iPhone screen displays a user profile page. The profile picture placeholder is replaced by a purple 'Upload Photo' button. The user information includes a placeholder profile picture, the name 'Hello, ferii', and three photo thumbnails with dates: 'Rub, 24 Apr', 'Sen, 1 Apr', and 'Rab, 6 Mar'.

```
lib > main.dart > main
3 import 'package:firebase_auth/firebase_auth.dart';
4 import 'package:feri_kusuma_wardhana_tugas_10/app/modules/login/controllers/login_controller.dart';
5 import 'package:firebase_core/firebase_core.dart';
6 import 'package:flutter/material.dart';
7 import 'package:get/get.dart';
8 import 'app/routes/app_pages.dart';
9 import 'app/utils/loading.dart';
10 import 'package:feri_kusuma_wardhana_tugas_10/app/modules/splash_screen/views/splash_screen_view.dart';
11
12 Run | Debug | Profile
13 void main() async {
14 WidgetsFlutterBinding.ensureInitialized();
15 await Firebase.initializeApp(
16 options: const FirebaseOptions(
17 apiKey: "AIzaSyD8afxz5KtWKYF02esJiF47NqkL00THG0Q",
18 messagingSenderId: "307162946056",
19 projectId: "wardhana-bd9be",
20 storageBucket: "wardhana-bd9be.appspot.com",
21 ),
22 );
23 runApp(MyApp()); Use 'const' with the constructor to improve performance. Try adding the ' const '
24 }
25
26 class MyApp extends StatelessWidget {
27 const MyApp({super.key});
28
29 @override
30 Widget build(BuildContext context) {
31 return GetMaterialApp(
32 debugShowCheckedModeBanner: false,
33 title: 'Feri',

```

## 11. Kemudian pada foto profil akan otomatis berganti seperti dibawah ini

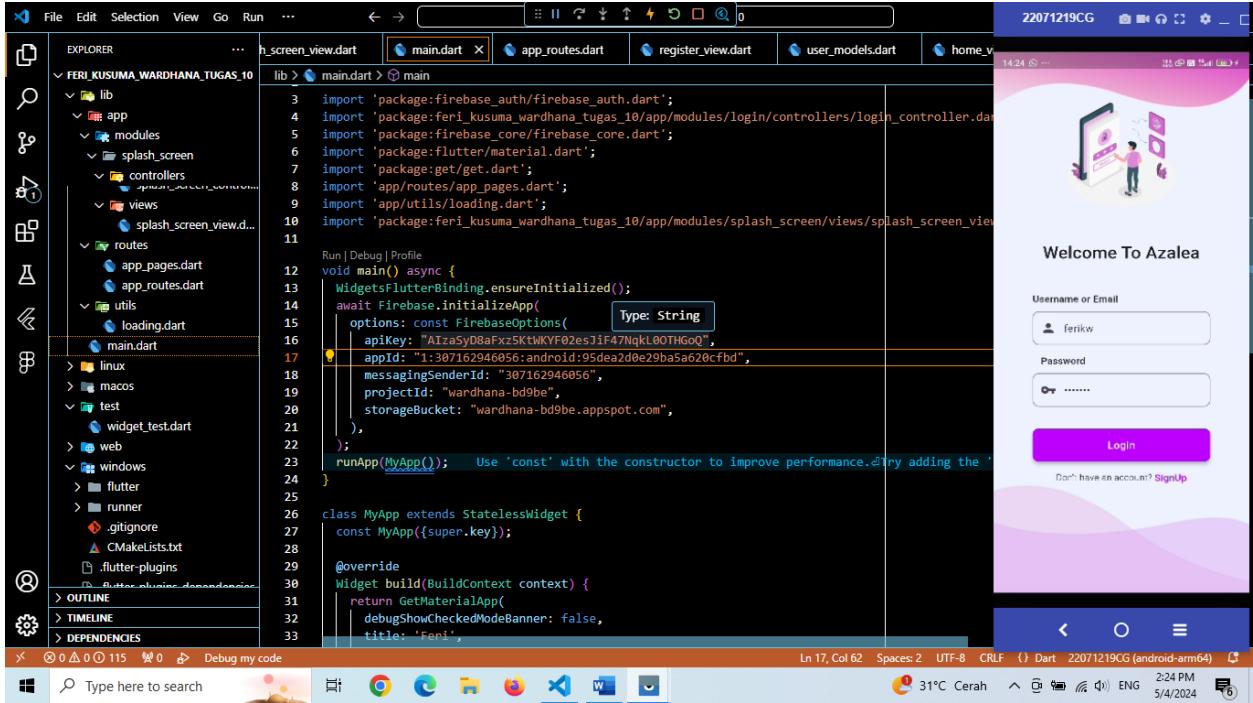


The screenshot shows the same Flutter development environment as the previous one. The code in 'main.dart' remains the same. The simulated iPhone screen now shows the updated profile picture, which is a blue circular placeholder with the letters 'AI'. The 'Logout' button is visible at the bottom of the screen.

```
lib > main.dart > main
3 import 'package:firebase_auth/firebase_auth.dart';
4 import 'package:feri_kusuma_wardhana_tugas_10/app/modules/login/controllers/login_controller.dart';
5 import 'package:firebase_core/firebase_core.dart';
6 import 'package:flutter/material.dart';
7 import 'package:get/get.dart';
8 import 'app/routes/app_pages.dart';
9 import 'app/utils/loading.dart';
10 import 'package:feri_kusuma_wardhana_tugas_10/app/modules/splash_screen/views/splash_screen_view.dart';
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12 Run | Debug | Profile
13 void main() async {
14 WidgetsFlutterBinding.ensureInitialized();
15 await Firebase.initializeApp(
16 options: const FirebaseOptions(
17 apiKey: "AIzaSyD8afxz5KtWKYF02esJiF47NqkL00THG0Q",
18 messagingSenderId: "307162946056",
19 projectId: "wardhana-bd9be",
20 storageBucket: "wardhana-bd9be.appspot.com",
21 ),
22 );
23 runApp(MyApp()); Use 'const' with the constructor to improve performance. Try adding the ' const '
24 }
25
26 class MyApp extends StatelessWidget {
27 const MyApp({super.key});
28
29 @override
30 Widget build(BuildContext context) {
31 return GetMaterialApp(
32 debugShowCheckedModeBanner: false,
33 title: 'Feri',

```

12. Kemudian coba kita masuk ke halaman home lewat login disini bisa menggunakan username maupun email untuk login dan isi juga password



```
lib > main.dart > main
3 import 'package:firebase_auth/firebase_auth.dart';
4 import 'package:feri_kusuma_wardhana_tugas_10/app/modules/login/controllers/login_controller.dart';
5 import 'package:firebase_core/firebase_core.dart';
6 import 'package:flutter/material.dart';
7 import 'package:get/get.dart';
8 import 'app/routes/app_pages.dart';
9 import 'app/utils/loading.dart';
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Run | Debug | Profile
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apiKey: "AIzaSyD8afxz5KtWKF02esJiF47NqkL0OTHG0Q",
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projectId: "wardhana-bd9be",
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);
runApp(MyApp()); Use 'const' with the constructor to improve performance. Try adding the 'const' keyword.
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26 class MyApp extends StatelessWidget {
27   const MyApp({super.key});
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29   @override
Widget build(BuildContext context) {
return GetMaterialApp(
debugShowCheckedModeBanner: false,
title: 'Feri',
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14. Kemudian akan masuk ke home seperti dibawah ini

15. Berikut adalah firebase pada authentication

The screenshot shows the Firebase Authentication console for the project "wardhana". The left sidebar includes links for Project Overview, Authentication (selected), Firestore Database, Storage, Product categories, Build, Release & Monitor, Analytics, Engage, All products, Spark (No-cost \$0/month), and Upgrade. The main content area is titled "Authentication" and shows a table of users:

Identifier	Providers	Created	Signed In	User UID
kamis@gmail.com	✉️	May 4, 2024	May 4, 2024	0DHaNGUiTatWlICuFDXZQut...
kamu@gmail.com	✉️	May 4, 2024	May 4, 2024	zK08xgLBJLbWGcbcSKhzUC...
sasan@gmail.com	✉️	May 4, 2024	May 4, 2024	lbpVh06FFFQVmKuec9HpaLZK...
wardhana@gmail.com	✉️	May 1, 2024	May 1, 2024	bZ6OU6renHN37bxR9JPzF0H...
feri@gmail.com	✉️	May 1, 2024	May 4, 2024	1Zsd14ONoJTsnazLpZTCow4...
danu@gmail.com	✉️	May 1, 2024	May 2, 2024	Sz2N66escjVzCzf1Be7EdH5...
kaka@gmail.com	✉️	May 1, 2024	May 1, 2024	PYof1jrHhlayKIKNioMPNVkz0...

At the top right, there are buttons for "Add user", "Edit", and "More". The URL in the address bar is <https://console.firebaseio.google.com/project/wardhana-bd9be/authentication/users>.

## 16. Berikut adalah firebase pada firestore database

The screenshot shows the Firebase Cloud Firestore interface. On the left, the navigation sidebar is visible with options like Project Overview, Authentication, Firestore Database (which is selected), Storage, and others. The main area shows a collection named 'users' under a document named '0DHaNGUiITatWliCufDXZQutqHX2'. The document contains the following fields:

Field	Type	Value
email	String	"kamis@gmail.com"
firstName	String	"ferli"
photoURL	String	"https://firbasestorage.googleapis.com/v0/b/wardhana-bd9be.appspot.com/o/user_images%2F0DHaNGUiITatWliCufDXZQutqHX2?alt=media&token=ea02c32d-b381-4ad8-919f-f3dedf54e1e3"
telepon	String	"845464"
uid	String	"0DHaNGUiITatWliCufDXZQutqHX2"
username	String	"ferikw"

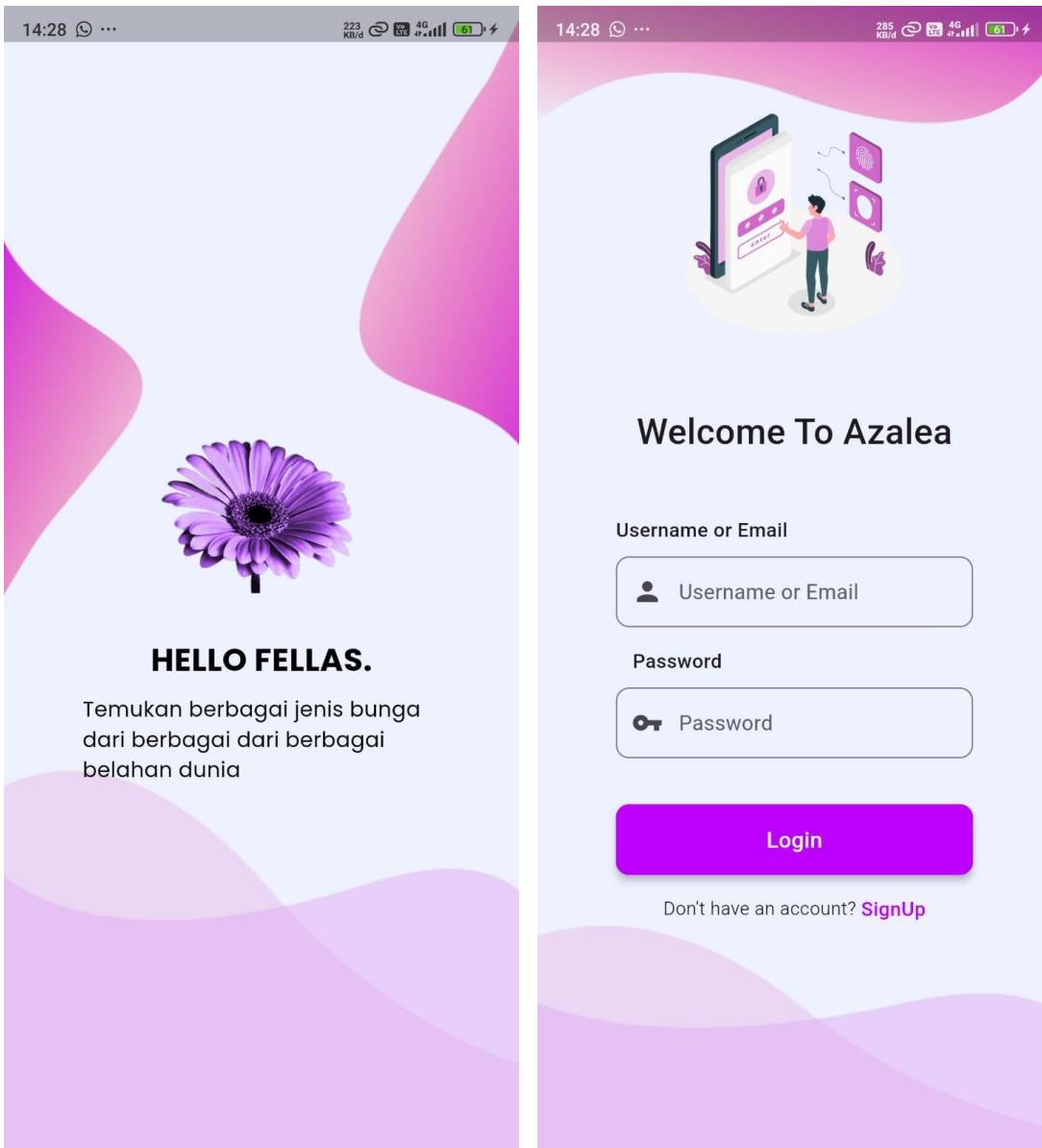
## 17. Berikut adalah firebase pada storage

The screenshot shows the Firebase Storage interface. On the left, the navigation sidebar is visible with options like Project Overview, Authentication, Firestore Database, and Storage (which is selected). The main area shows a list of files under a bucket named 'gs://wardhana-bd9be.appspot.com'. The list contains one folder named 'user\_images/'.

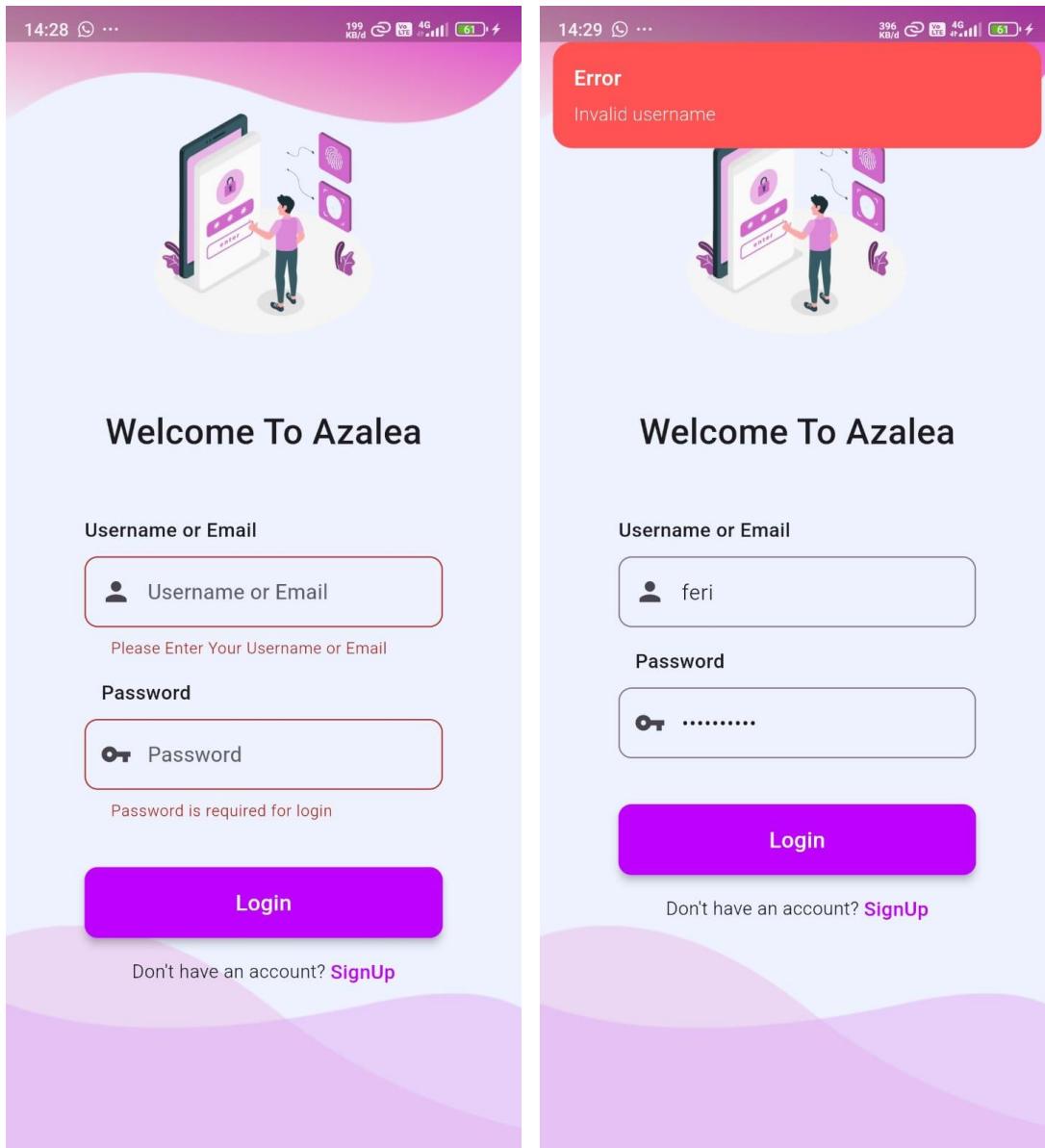
Name	Type	Last modified
user_images/	Folder	-

## B. Berikut adalah tampilan dari hp

1. Berikut adalah tampilan dari halaman splash screen dan Berikut adalah tampilan dari halaman login setelah delay dari splashscreen 5 detik



2. Kemudian jika diklik login tanpa memasukkan input maka akan ada pesan permintaan untuk diisi dan Kemudian jika diklik username dan password yang salah maka akan muncul snackbar erorr



3. kemudian ketik signup untuk masuk ke register dan berikut tampilan halaman register dan Kemudian jika langsung di klik sign up tanpa input maka akan ada permintaan untuk mengisi semua inputan dan juga email juga harus benar

14:29 316 KB/d 4G 61% ⚡

14:29 265 KB/d 4G 61% ⚡

**Register Your Account**

Username

Name

Email

Telepon

Password

Confirm Password

**SignUp**

Already have an account? [Login](#)

14:29 316 KB/d 4G 61% ⚡

14:29 265 KB/d 4G 61% ⚡

**Register Your Account**

Username

Username cannot be Empty

Name

Name cannot be Empty

Email

Please Enter Your Email

Telepon

Telephone cannot be Empty

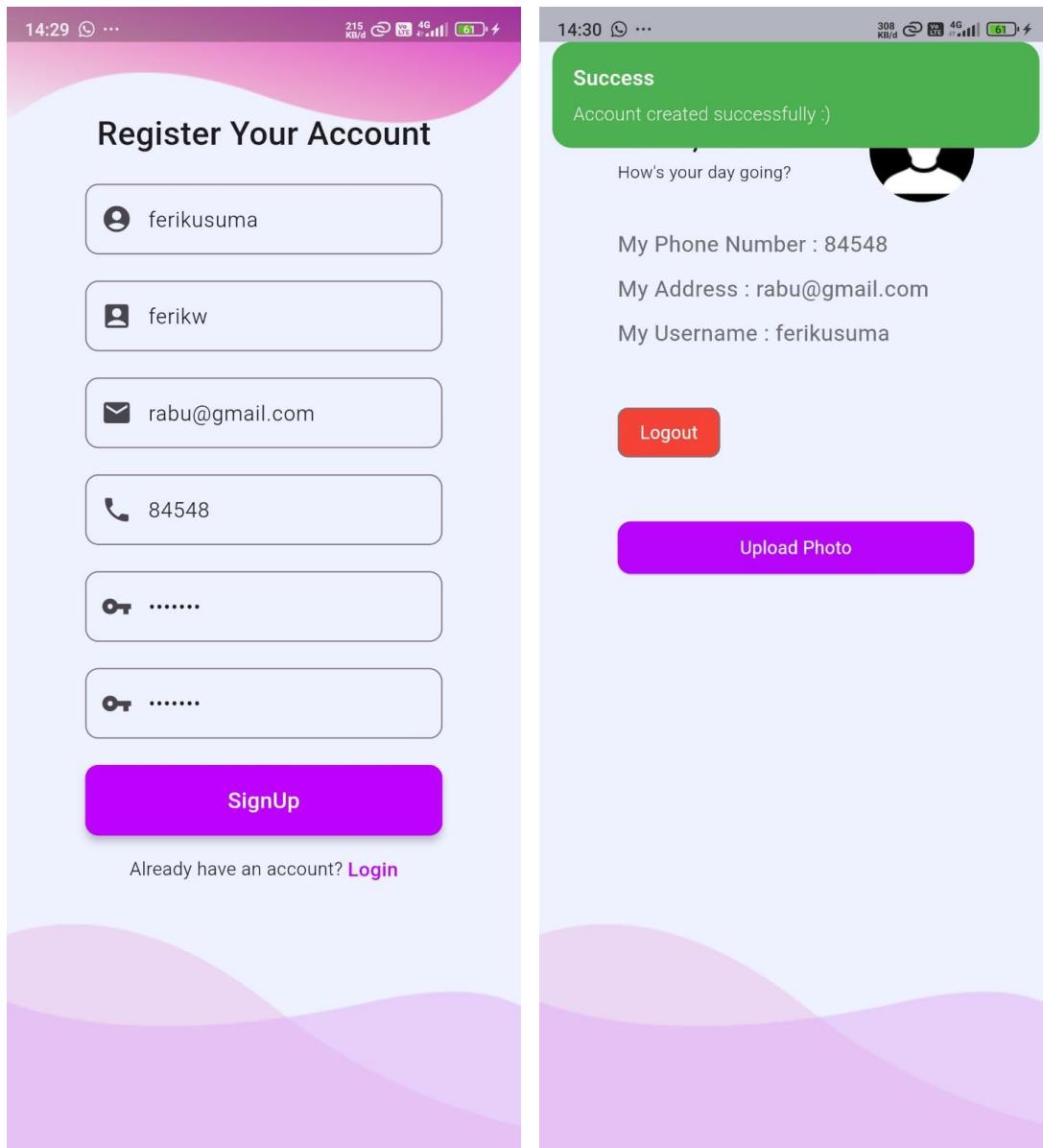
Password

Password is required for login

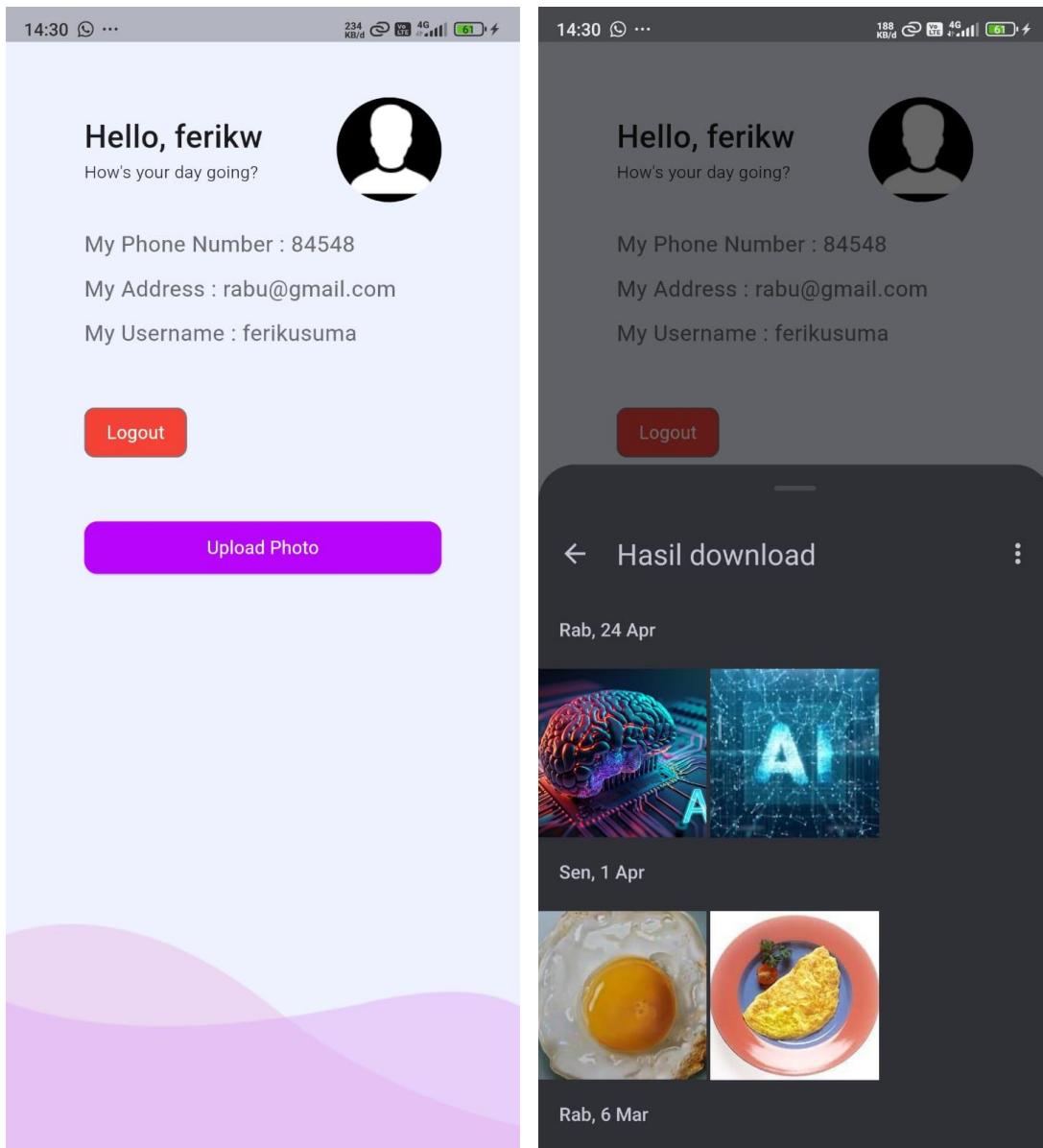
**SignUp**

Already have an account? [Login](#)

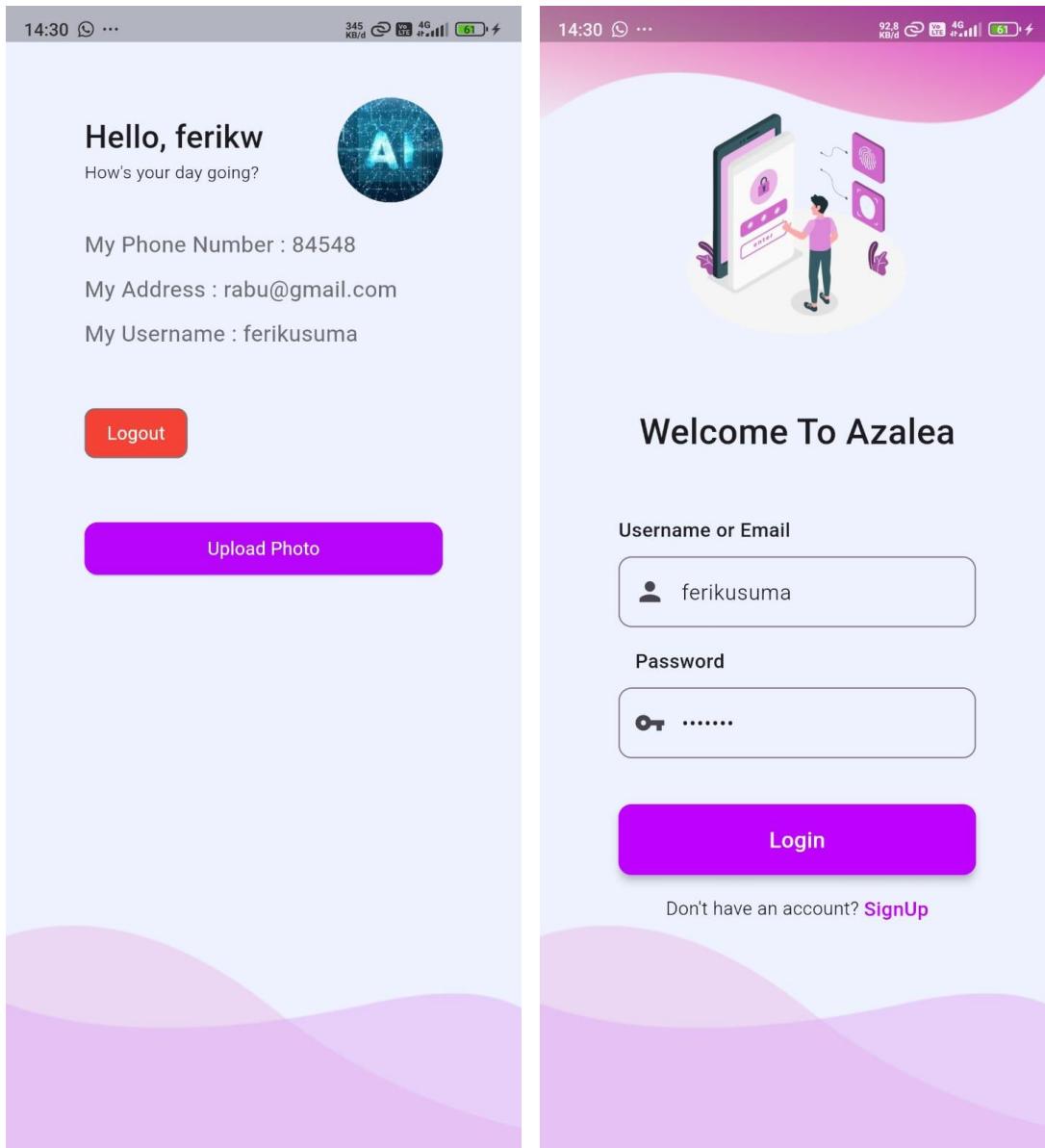
4. Berikut jika diisi inputan dan Berikut jika berhasil register dan akan snackbar berhasil



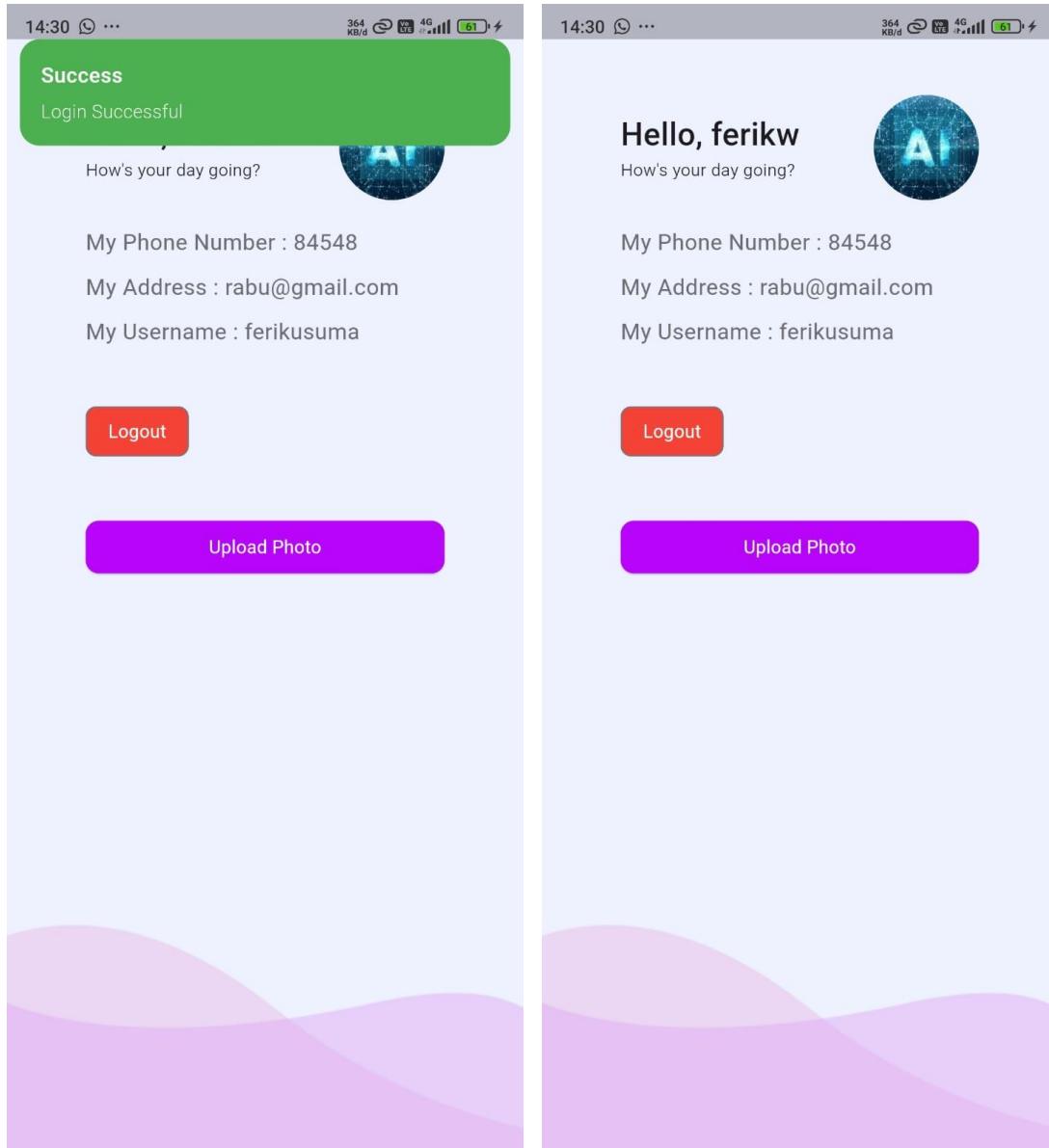
5. Berikut adalah tampilan dari halaman beranda atau home dan Jika klik upload foto maka akan masuk ke galeri dan bisa memilih foto



6. Kemudian pada foto profil akan otomatis berganti seperti dibawah ini dan Kemudian coba kita masuk ke halaman home lewat login disini bisa menggunakan username maupun email untuk login dan isi juga password



7. Kemudian akan ada snackbar berhasil login seperti dibawah ini dan Kemudian akan masuk ke home seperti dibawah ini



## 8. Berikut adalah firebase pada firestore database

The screenshot shows the Firebase Cloud Firestore interface. On the left, a sidebar menu includes 'Project Overview', 'Authentication', 'Firestore Database' (which is selected and highlighted in blue), 'Storage', 'Build', 'Release & Monitor', 'Analytics', and 'Engage'. Below these are 'All products', 'Spark' (No-cost \$0/month), and 'Upgrade' options. The main content area displays a document structure under 'users' with the ID 'vgJNecaCi4eEC'. The document contains fields: email ('rabu@gmail.com'), firstName ('ferikw'), photoURL ('https://firebasestorage.googleapis.com/v0/b/wardhana-bd9be.appspot.com/-/user\_images%2FvgJNecaCi4eEC8alt=media&token=997ee4c3-447b-440b-b6a3-f710ccb3b929'), telepon ('84548'), uid ('vgJNecaCi4eECUU7zkXTX6V...'), and username ('ferikusuma'). A 'More in Google Cloud' button is visible at the top right of the document view.

## 9. Berikut adalah firebase pada storage

The screenshot shows the Firebase Storage interface. The sidebar menu includes 'Project Overview', 'Authentication', 'Firestore Database', and 'Storage' (selected and highlighted in blue). The main content area displays a folder structure under 'gs://wardhana-bd9be.appspot.com/files'. A 'user\_images/' folder is present. At the top right, there is a 'Upload file' button. A 'More in Google Cloud' button is also visible at the top right of the storage view.

10. Berikut adalah firebase pada authentication

The screenshot shows the Firebase Authentication console for a project named 'wardhana'. The left sidebar includes links for Project Overview, Authentication (which is selected and highlighted in blue), Firestore Database, Storage, Product categories, Build, Release & Monitor, Analytics, Engage, All products, Spark (No-cost \$0/month), and Upgrade. The main content area has a header 'wardhana' and 'Authentication'. Below it is a navigation bar with tabs: Users (selected), Sign-in method, Templates, Usage, Settings, and Extensions. A search bar at the top of the main table says 'Search by email address, phone number, or user UID'. To the right of the search bar are buttons for 'Add user', a refresh icon, and three vertical dots. The main table lists users with columns: Identifier, Providers, Created (sorted by date), Signed In, and User UID. The data is as follows:

Identifier	Providers	Created	Signed In	User UID
rabu@gmail.com	✉️	May 4, 2024	May 4, 2024	vgJNecaCl4eECEU7zkXTX6V...
kamis@gmail.com	✉️	May 4, 2024	May 4, 2024	ODHaNGUiTatWliCufDXZQutq...
kamu@gmail.com	✉️	May 4, 2024	May 4, 2024	zK08xgLBjLbWGcbcSKhzUC...
sasan@gmail.com	✉️	May 4, 2024	May 4, 2024	lbpVh06FFQVmKuec9HpaLZK...
wardhana@gmail.com	✉️	May 1, 2024	May 1, 2024	bZ6OU6renHN37bXr9JP1zF0H...
feri@gmail.com	✉️	May 1, 2024	May 4, 2024	1Zsd14ONoJTsnaLpZTC0w4...
danu@gmail.com	✉️	May 1, 2024	May 2, 2024	Sz2N66escjVzCif1Be79EdH5...
kaka@gmail.com	✉️	May 1, 2024	May 1, 2024	PYof1jrHhlayKtKnloMPNVkz0...