

# Tugas 10

**Nama : Feri Kusuma Wardhana**

**NIM : 2113010226**

**Grup : 1B**

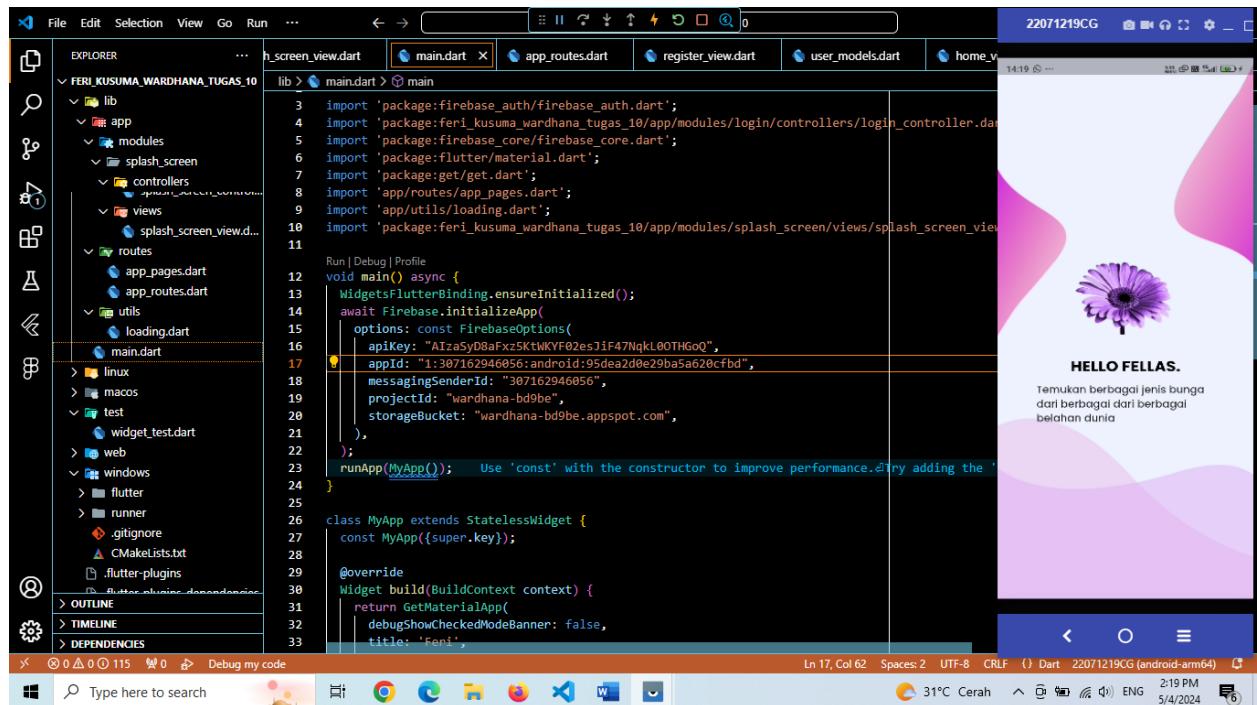
Saya telah mempersiapkan dengan kode ini ke git hub akan tetapi untuk folder build saya hapus karena file yang besar dan didalamnya juga ada pdf lengkapnya, berikut adalah linknya

Github untuk kode ini : <https://github.com/ferikw/Tugas-10-Feri-Kusuma-Wardhana-1B.git>

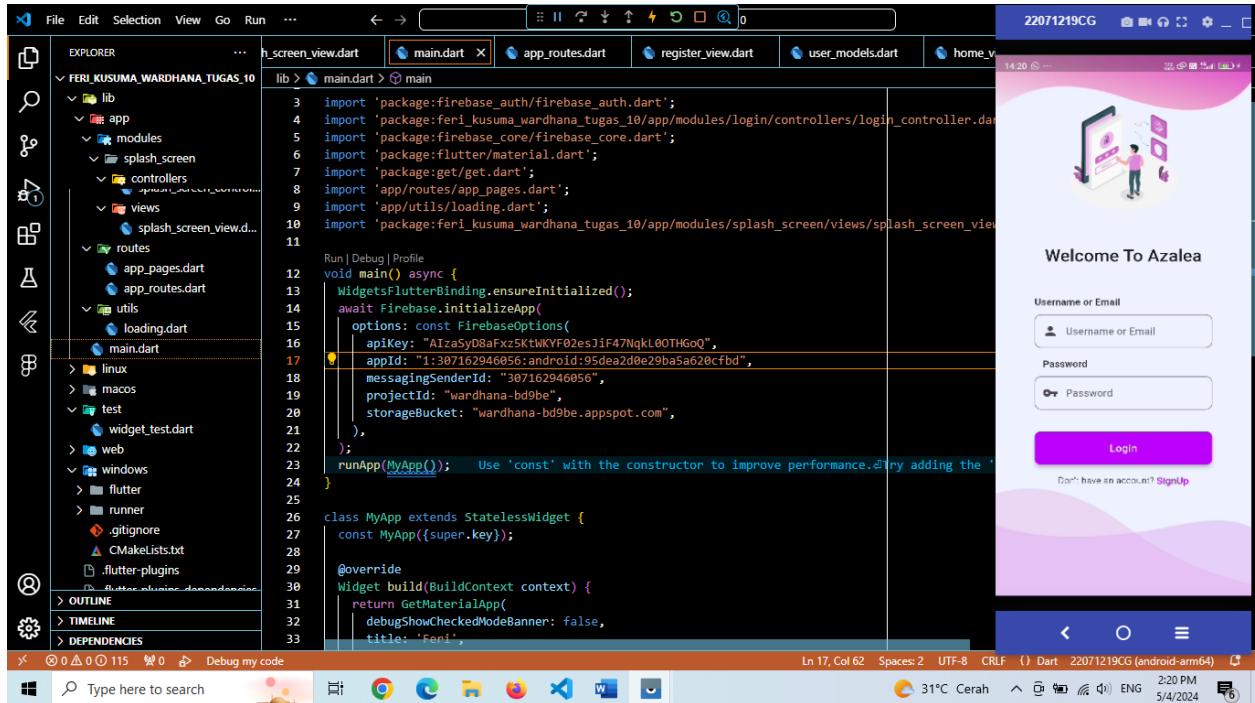
Saya telah melakukan screenshot dari kode dan hasil tampilan dari kode yang telah saya buat , Saya telah membuat kode sesuai tugas yang ada di tugas 10 , hasil tampilan aplikasi adalah sebagai berikut , berikut adalah hasil tampilan aplikasi yang dibuat dan juga berisi hasil build apk yang berada pada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

## A. Tampilan Aplikasi

1. Berikut adalah tampilan dari halaman splash screen



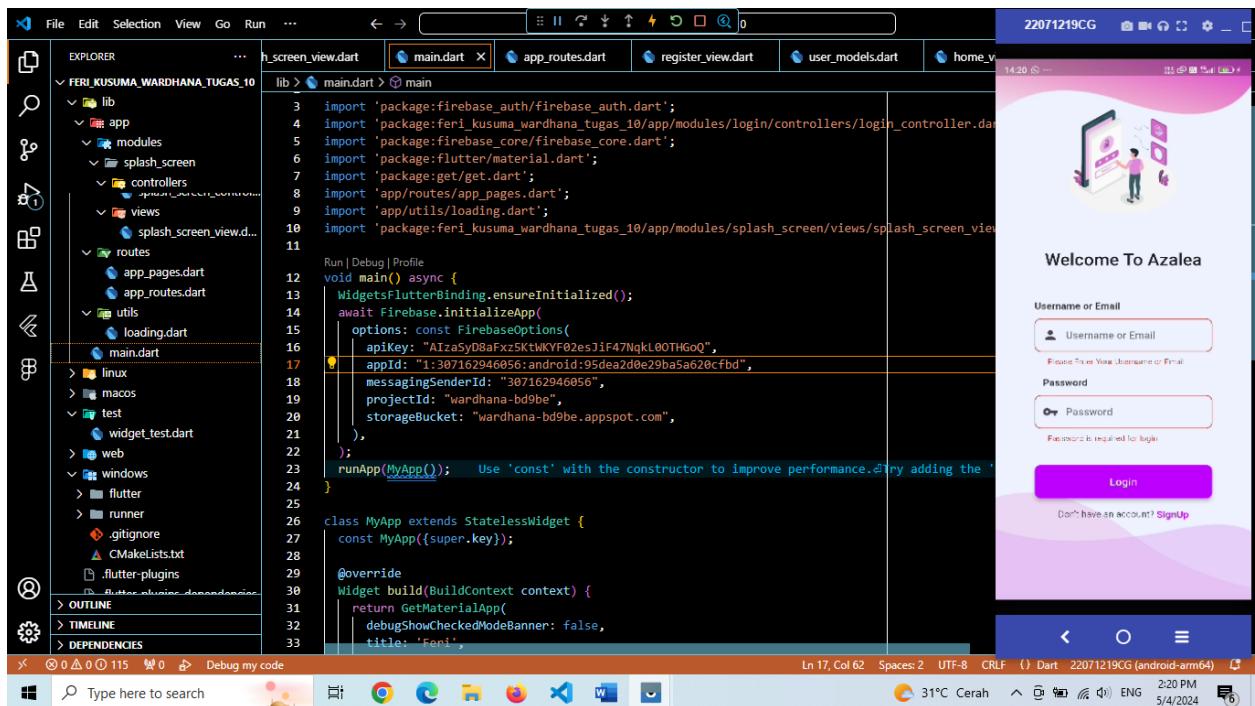
2. Berikut adalah tampilan dari halaman login setelah delay dari splashscreen 5 detik



The screenshot shows a Flutter project structure in the Explorer panel. The main.dart file is selected. The code initializes Firebase with specific options and runs the MyApp widget. The right side of the interface displays a mobile application with a pink theme. The screen shows a 'Welcome To Azalea' header, a login form with fields for 'Username or Email' and 'Password', and a 'Login' button. Below the form, there's a link for users who don't have an account.

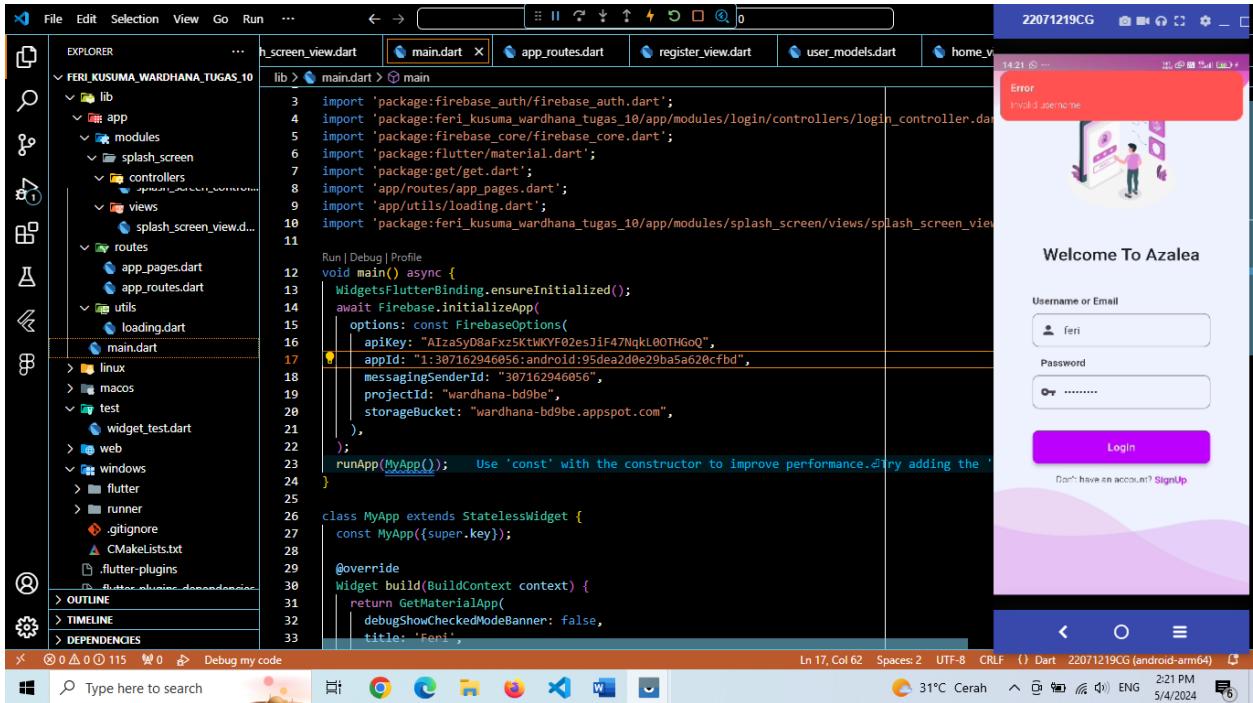
```
lib > main.dart > main
3 import 'package:firebase_auth/firebase_auth.dart';
4 import 'package:feri_kusuma_wardhana_tugas_10/app/modules/login/controllers/login_controller.dart';
5 import 'package:firebase_core/firebase_core.dart';
6 import 'package:flutter/material.dart';
7 import 'package:get/get.dart';
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: "AIzaSyD8axz5KtwKYF02esJ1f47NgkL0OTHGoQ",
18       appId: "1:307162946056:android:95dea2d0e29ba5a620cfbd",
19       messagingSenderId: "307162946056",
20       projectId: "wardhana-bd9be",
21       storageBucket: "wardhana-bd9be.appspot.com",
22     ),
23   );
24   runApp(MyApp()); // Use 'const' with the constructor to improve performance. Try adding the 'const' keyword.
25 }
26
27 class MyApp extends StatelessWidget {
28   const MyApp({super.key});
29
30   @override
31   Widget build(BuildContext context) {
32     return GetMaterialApp(
33       debugShowCheckedModeBanner: false,
34       title: 'Feri',
35     );
36   }
37 }
```

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



This screenshot is identical to the previous one, showing the same project structure and code in main.dart. However, the right-hand mobile application screen is blurred, suggesting the user has interacted with it or moved away from it.

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



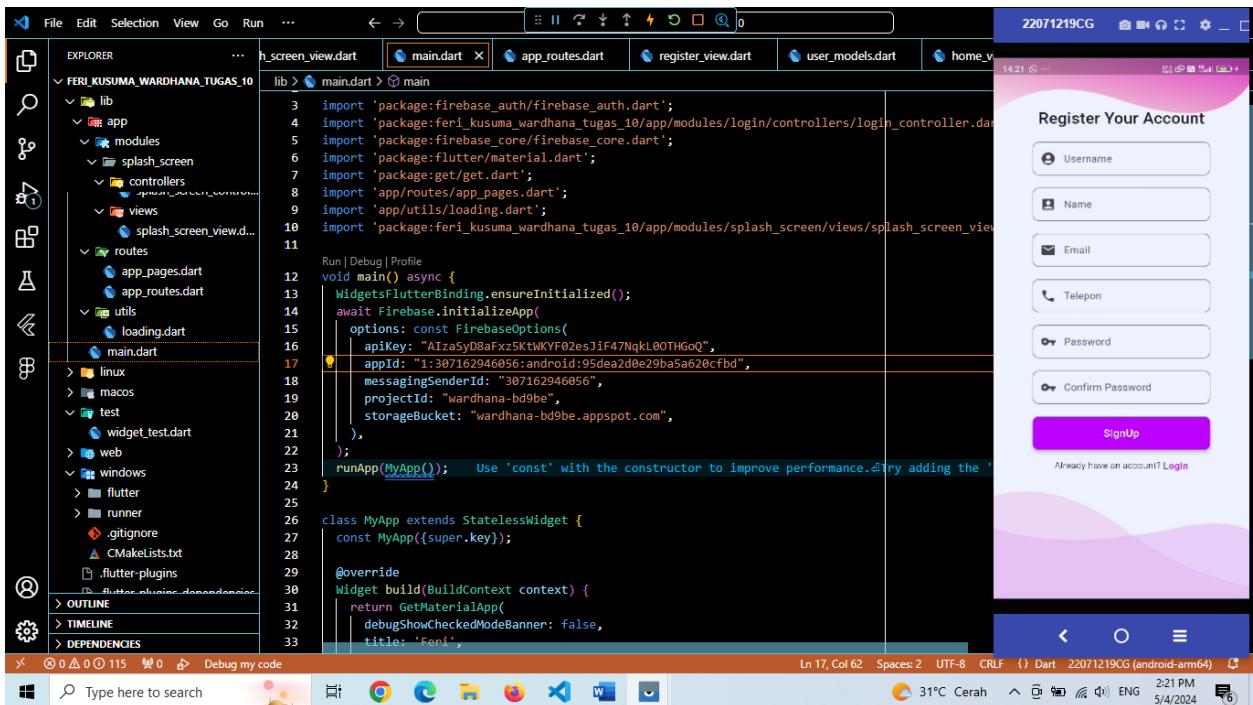
The screenshot shows a Flutter application running on an Android emulator. The app's splash screen is visible with the title "Welcome To Azalea". A modal dialog box is displayed with the message "Error" and "Invalid username". The code editor on the left shows the main.dart file with a line of code highlighted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

```

    options: const FirebaseOptions(
      apiKey: "AIzaSyD8Afxx5KtmKVFO2esJiF47NqkL00THGoQ",
      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



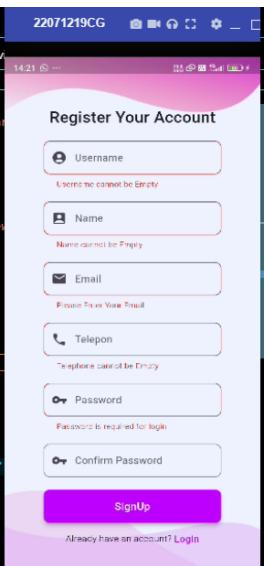
The screenshot shows the same Flutter application running on an Android emulator, but now on the "Register Your Account" screen. This screen contains fields for Username, Name, Email, Telepon, Password, and Confirm Password, along with a "SignUp" button and a "Already have an account? Login" link. The code editor on the left shows the main.dart file with a line of code highlighted at line 17:

```

    options: const FirebaseOptions(
      apiKey: "AIzaSyD8Afxx5KtmKVFO2esJiF47NqkL00THGoQ",
      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 harus benar

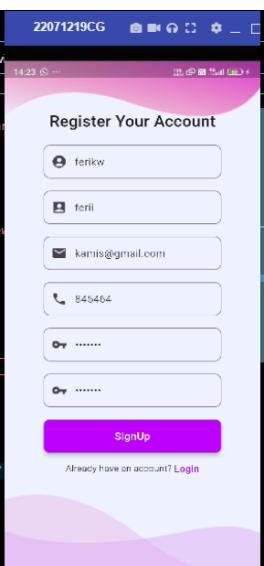


```

File Edit Selection View Go Run ...
EXPLORER lib > main.dart ...
FERI_KUSUMA_WARDHANA_TUGAS_10
  lib
    app
      modules
        splash_screen
          controllers
            login_controller.dart
          views
            splash_screen_view.dart
        routes
          app_pages.dart
          app_routes.dart
        utils
          loading.dart
        main.dart
      lib.dart
    test
      widget_test.dart
    web
    windows
      flutter
      runner
        .gitignore
        CMakeLists.txt
      flutter-plugins
    flutter-plugins
  OUTLINE
  TIMELINE
  DEPENDENCIES
  0 0 0 0 115 0 0 Debug my code
  Type here to search
  22071219CG 14.21 ... 22071219CG (android-arm64) 22071219CG (android-arm64)
  Register Your Account
  Username
  Name
  Email
  Telepon
  Password
  Confirm Password
  SignUp
  Already have an account? Login
  31°C Cerah 2:22 PM 5/4/2024

```

7. Berikut jika diisi inputan

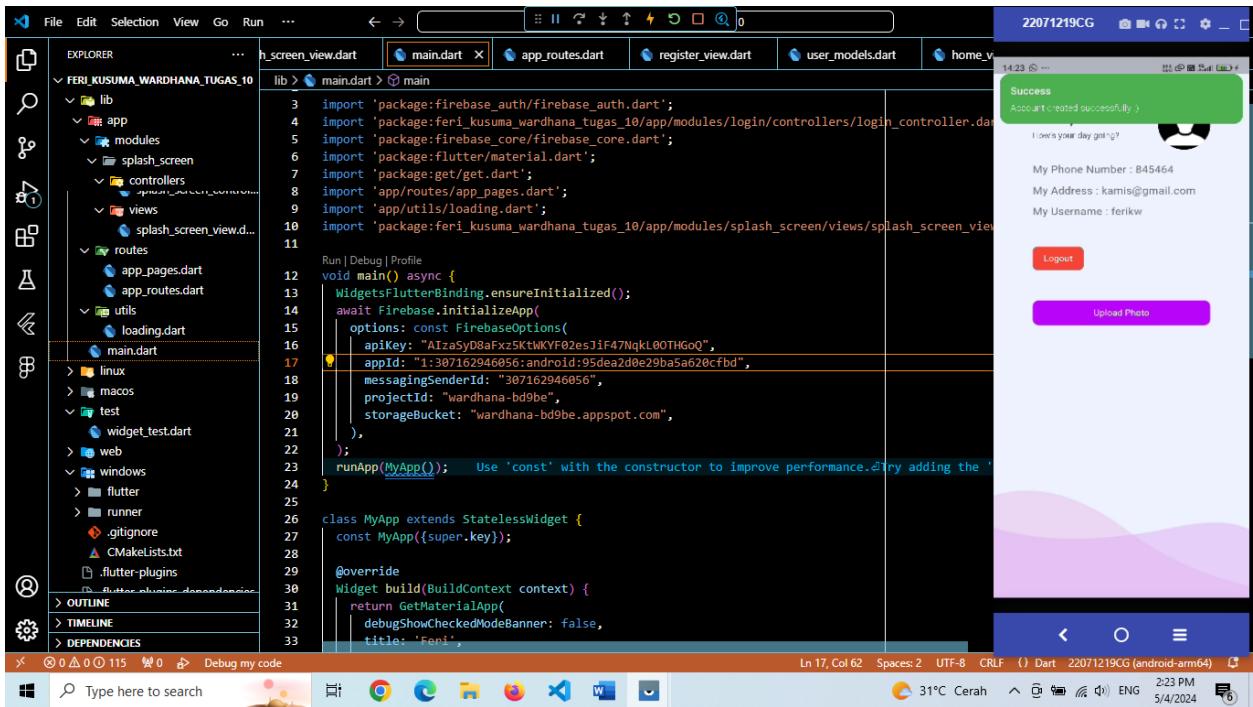


```

File Edit Selection View Go Run ...
EXPLORER lib > main.dart ...
FERI_KUSUMA_WARDHANA_TUGAS_10
  lib
    app
      modules
        splash_screen
          controllers
            login_controller.dart
          views
            splash_screen_view.dart
        routes
          app_pages.dart
          app_routes.dart
        utils
          loading.dart
        main.dart
      lib.dart
    test
      widget_test.dart
    web
    windows
      flutter
      runner
        .gitignore
        CMakeLists.txt
      flutter-plugins
    flutter-plugins
  OUTLINE
  TIMELINE
  DEPENDENCIES
  0 0 0 0 115 0 0 Debug my code
  Type here to search
  22071219CG 14.23 ... 22071219CG (android-arm64) 22071219CG (android-arm64)
  Register Your Account
  terikw
  ferli
  karis@gmail.com
  845464
  *****
  *****
  SignUp
  Already have an account? Login
  31°C Cerah 2:23 PM 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:

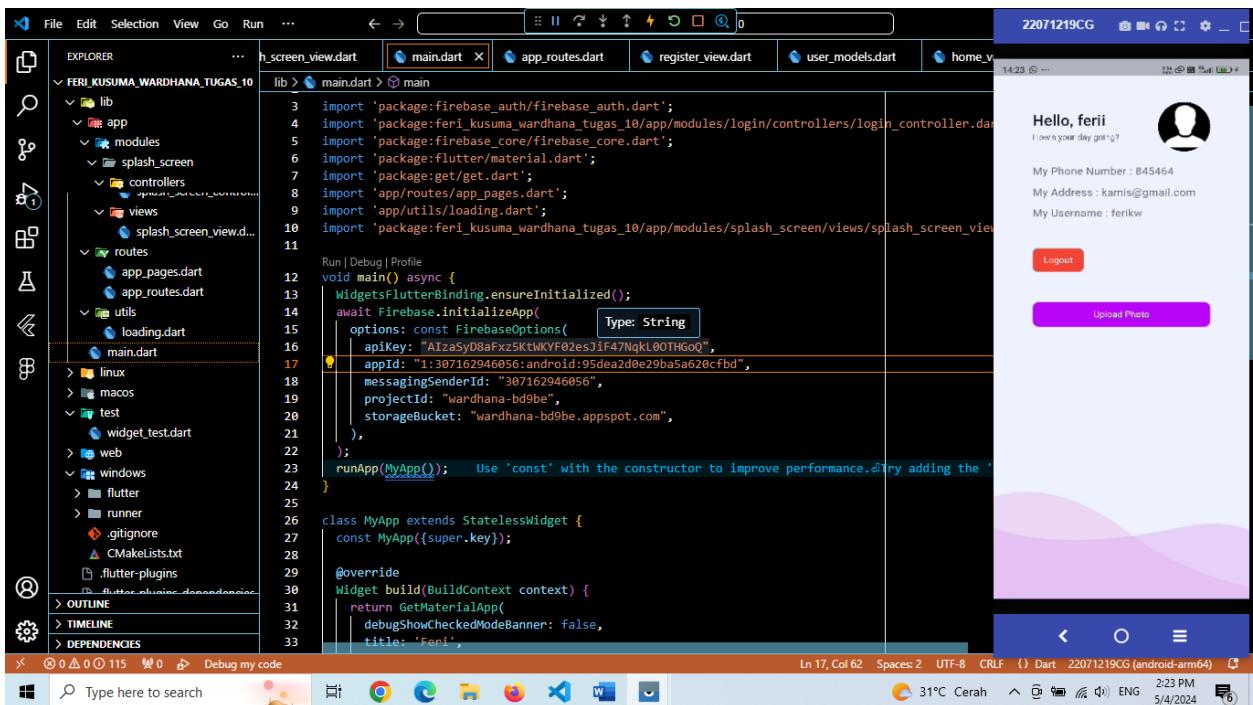
```
import 'package:firebase_auth/firebase_auth.dart';
import 'package:feri_kusuma_wardhana_tugas_10/app/modules/login/controllers/login_controller.dart';
import 'package:firebase_core/firebase_core.dart';
import 'package:flutter/material.dart';
import 'package:get/get.dart';
import 'app/routes/app_pages.dart';
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});

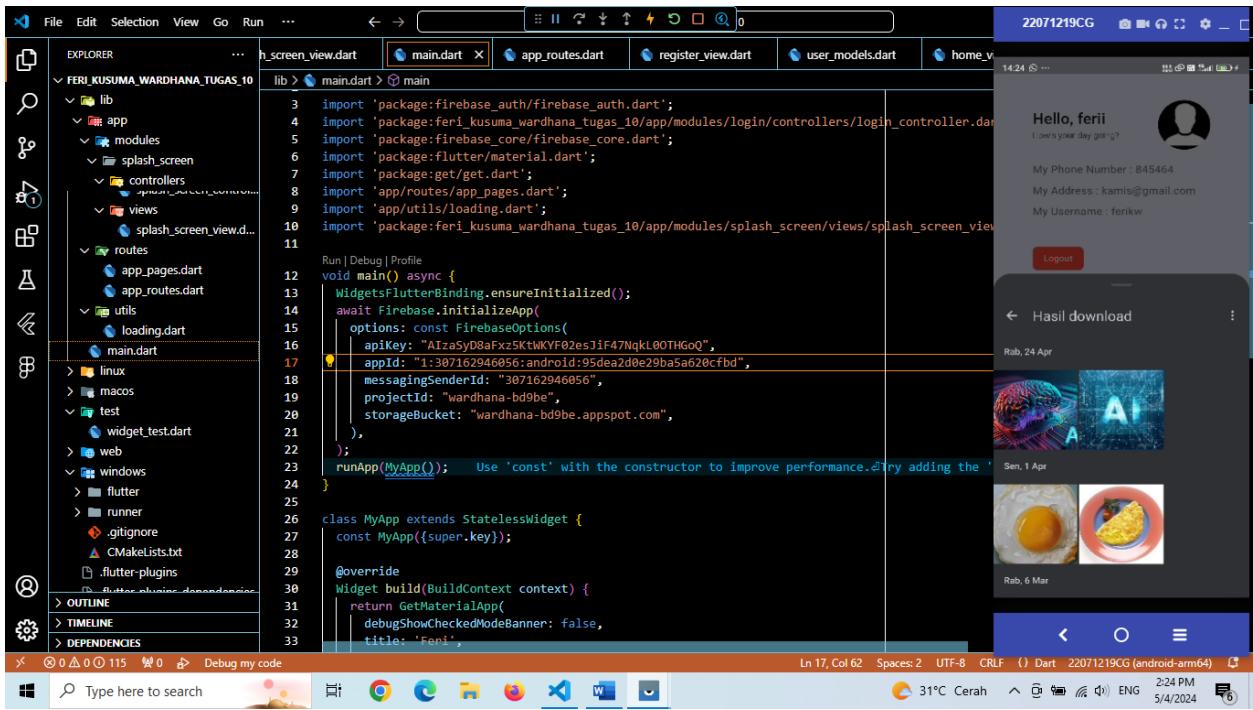
  @override
  Widget build(BuildContext context) {
    return GetMaterialApp(
      debugShowCheckedModeBanner: false,
      title: 'Feri',
    );
  }
}
```

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



The screenshot shows the same Flutter application running on an Android emulator, but this time it's displaying the home screen. The screen shows a greeting "Hello, feri" followed by the user's details: "I love your day getting?", "My Phone Number : 845464", "My Address : kamis@gmail.com", and "My Username : ferikw". Below the 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 the previous screenshot.

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

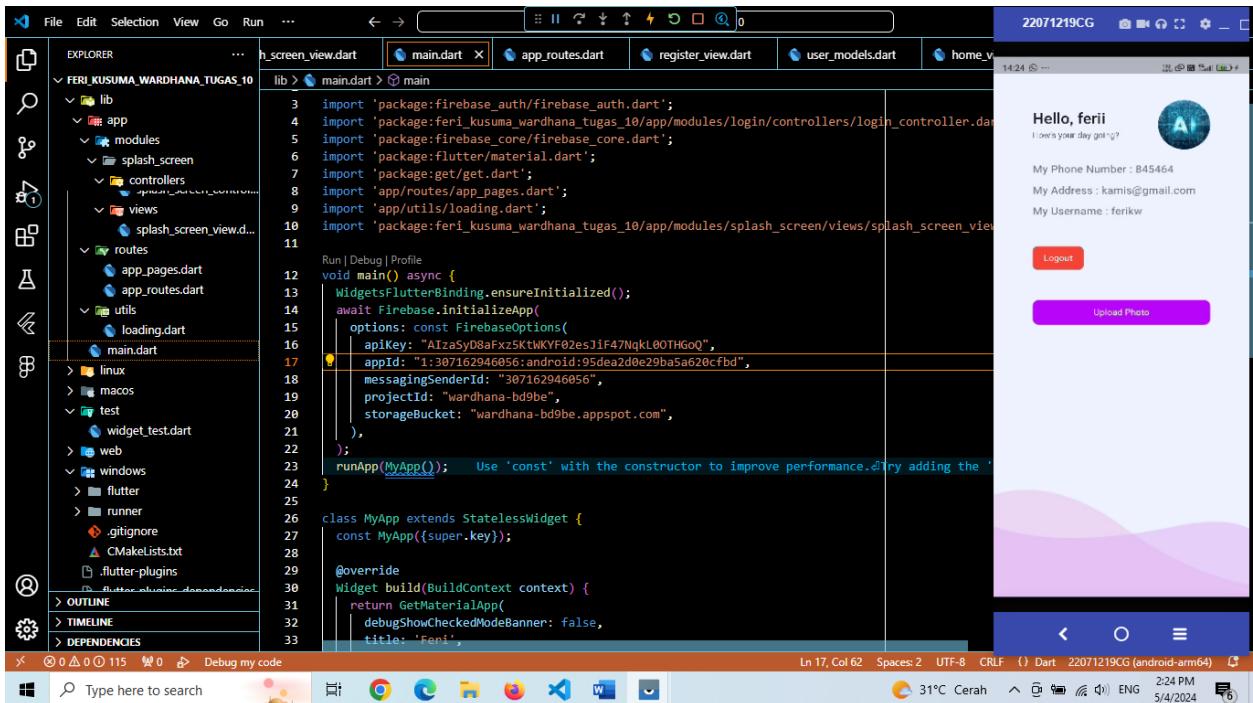


The screenshot shows a Windows desktop with a Flutter project open in an IDE. The left sidebar shows the project structure for 'FERI\_KUSUMA\_WARDHANA\_TUGAS\_10'. The main code editor window contains the 'main.dart' file with Dart code for initializing Firebase and running the application. To the right, 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

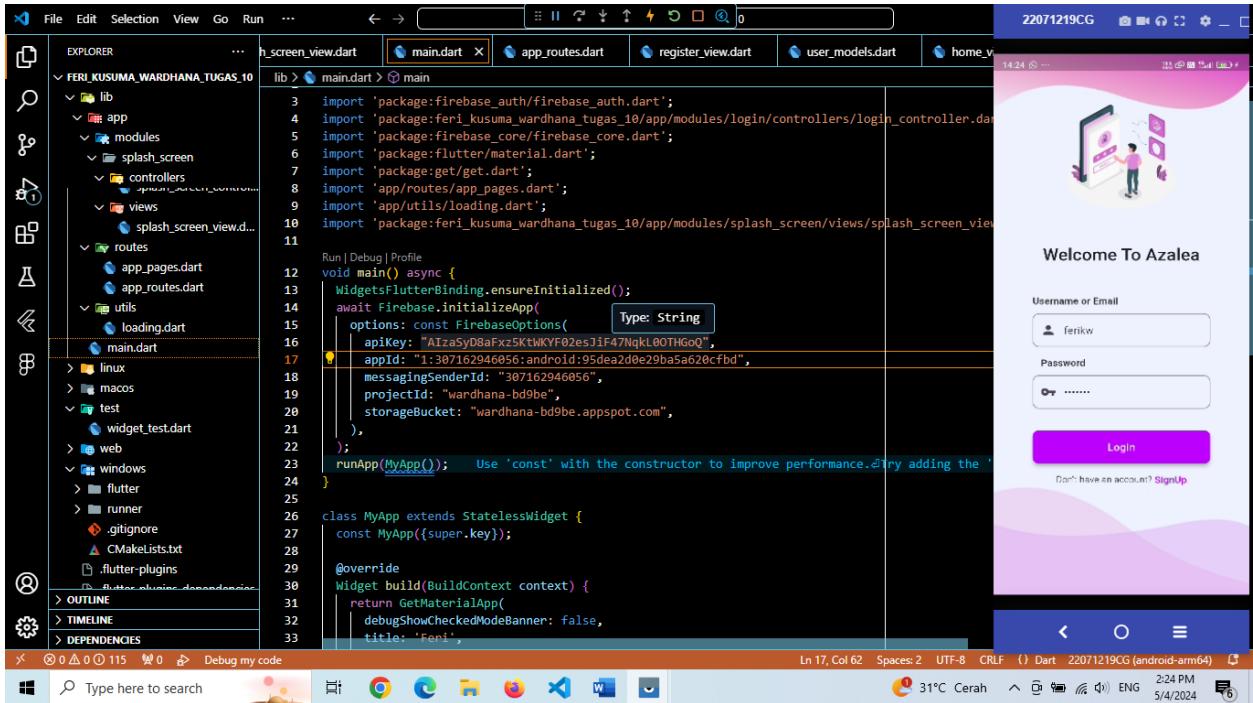


The screenshot shows the same Flutter development environment as the previous one. The code in 'main.dart' remains the same. The simulated iPhone screen now shows the updated profile picture, which is a blue circular placeholder with the letters 'AI'. The 'Logout' button is visible at the bottom of the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

```

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

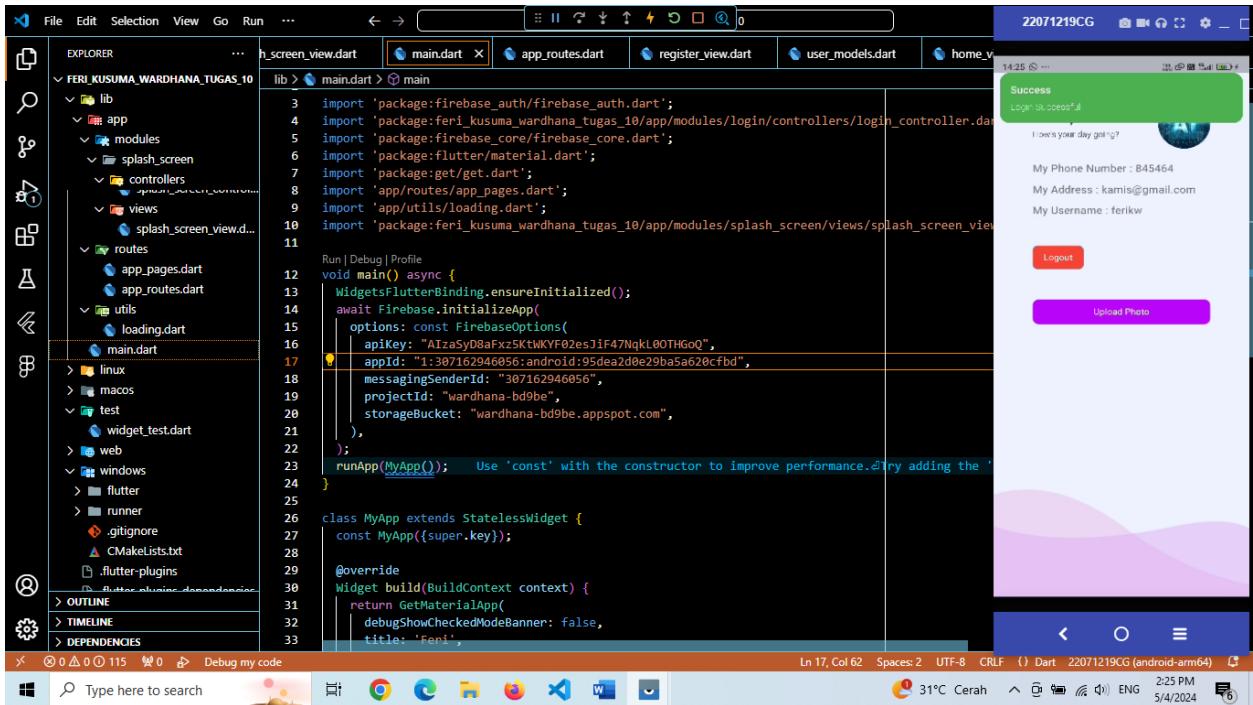


```
lib > main.dart > main
3 import 'package:firebase_auth/firebase_auth.dart';
4 import 'package:feri_kusuma_wardhana_tugas_10/app/modules/login/controllers/login_controller.dart';
5 import 'package:firebase_core/firebase_core.dart';
6 import 'package:flutter/material.dart';
7 import 'package:get/get.dart';
8 import 'app/routes/app_pages.dart';
9 import 'app/utils/loading.dart';
10 import 'package:feri_kusuma_wardhana_tugas_10/app/modules/splash_screen/views/splash_screen_view.dart';
11
Run | Debug | Profile
void main() async {
WidgetsFlutterBinding.ensureInitialized();
await Firebase.initializeApp(
options: const FirebaseOptions(
apiKey: "AIzaSyD8afxz5KtWKF02esJiF47NqkL0OTHG0Q",
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.
25
26 class MyApp extends StatelessWidget {
27   const MyApp({super.key});
28
29   @override
Widget build(BuildContext context) {
return GetMaterialApp(
debugShowCheckedModeBanner: false,
title: 'Feri',
24
25
26
27
28
29
30
31
32
33

```

Ln 17, Col 62 Spaces: 2 UTF-8 CRLF ( Dart 22071219CG (android-arm64) 2:24 PM 5/4/2024

13. Kemudian akan ada snackbar berhasil login seperti dibawah ini



```
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
Run | Debug | Profile
void main() async {
WidgetsFlutterBinding.ensureInitialized();
await Firebase.initializeApp(
options: const FirebaseOptions(
apiKey: "AIzaSyD8afxz5KtWKF02esJiF47NqkL0OTHG0Q",
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.
25
26 class MyApp extends StatelessWidget {
27   const MyApp({super.key});
28
29   @override
Widget build(BuildContext context) {
return GetMaterialApp(
debugShowCheckedModeBanner: false,
title: 'Feri',
24
25
26
27
28
29
30
31
32
33

```

Ln 17, Col 62 Spaces: 2 UTF-8 CRLF ( Dart 22071219CG (android-arm64) 2:25 PM 5/4/2024

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 has tabs for Users, Sign-in method, Templates, Usage, Settings, and Extensions, with "Users" selected. A search bar at the top allows searching by email address, phone number, or user ID. Below it is a table with columns: Identifier, Providers, Created, Signed In, and User UID. The table lists seven users, all of whom signed in via email on May 4, 2024. The User UIDs are partially visible.

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	lbpVh06FFQVmKuec9HpaLZK...
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...

## 16. Berikut adalah firebase pada firestore database

The screenshot shows the Firebase Firestore database interface. On the left, the navigation bar includes 'Project Overview', 'Authentication', 'Firestore Database' (which is selected), and 'Storage'. The main area displays a collection named 'users' under a document named '0DHaNGUiITatWliCufDXZQutqHX2'. This document contains the following fields:

Field	Type	Value
email	String	"kamis@gmail.com"
firstName	String	"ferli"
photoURL	String	"https://firabasestorage.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"

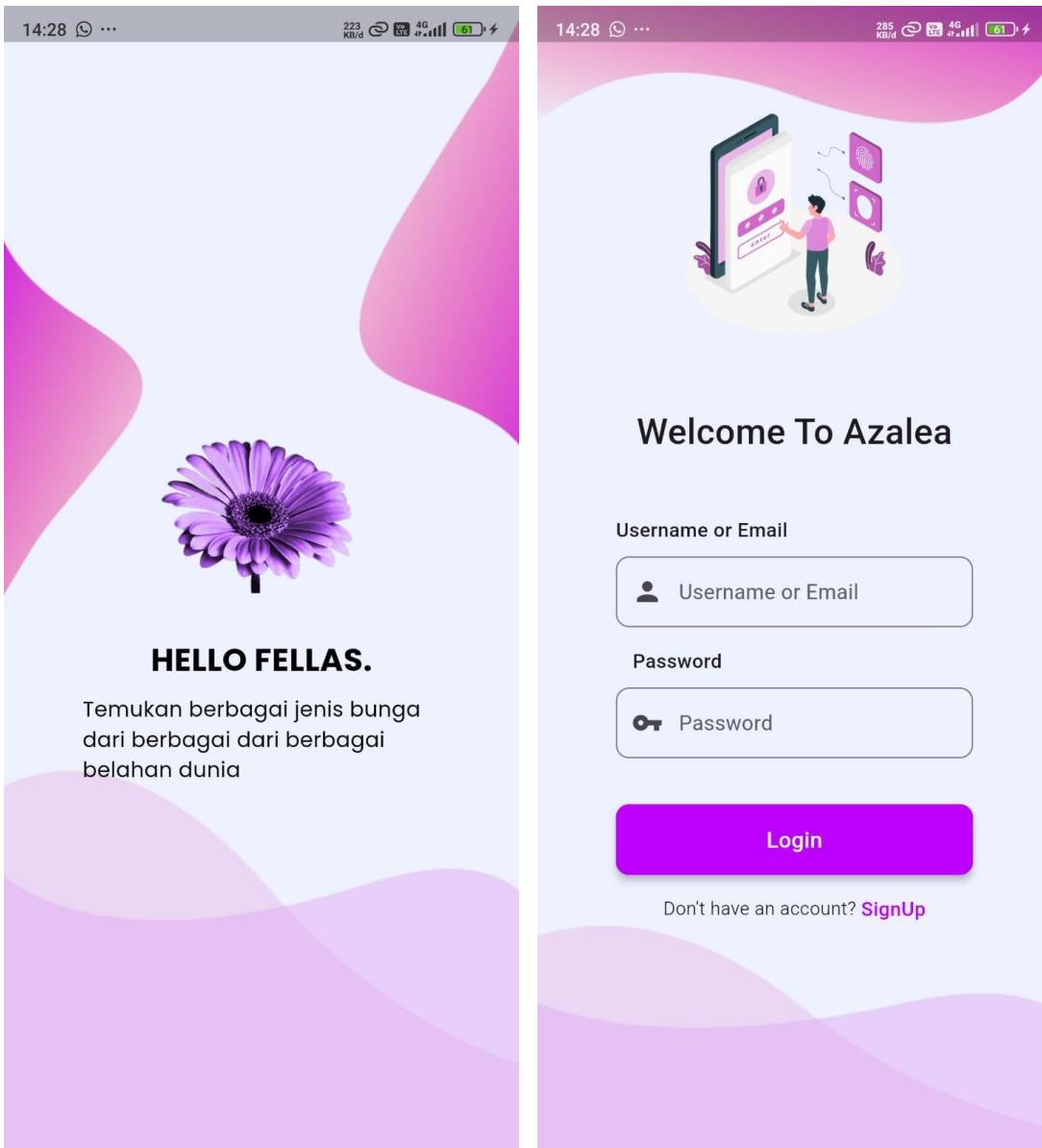
## 17. Berikut adalah firebase pada storage

The screenshot shows the Firebase Storage interface. On the left, the navigation bar includes 'Project Overview', 'Authentication', 'Firestore Database', and 'Storage' (which is selected). The main area displays a list of files under a folder named 'user\_images/'. There is one item listed:

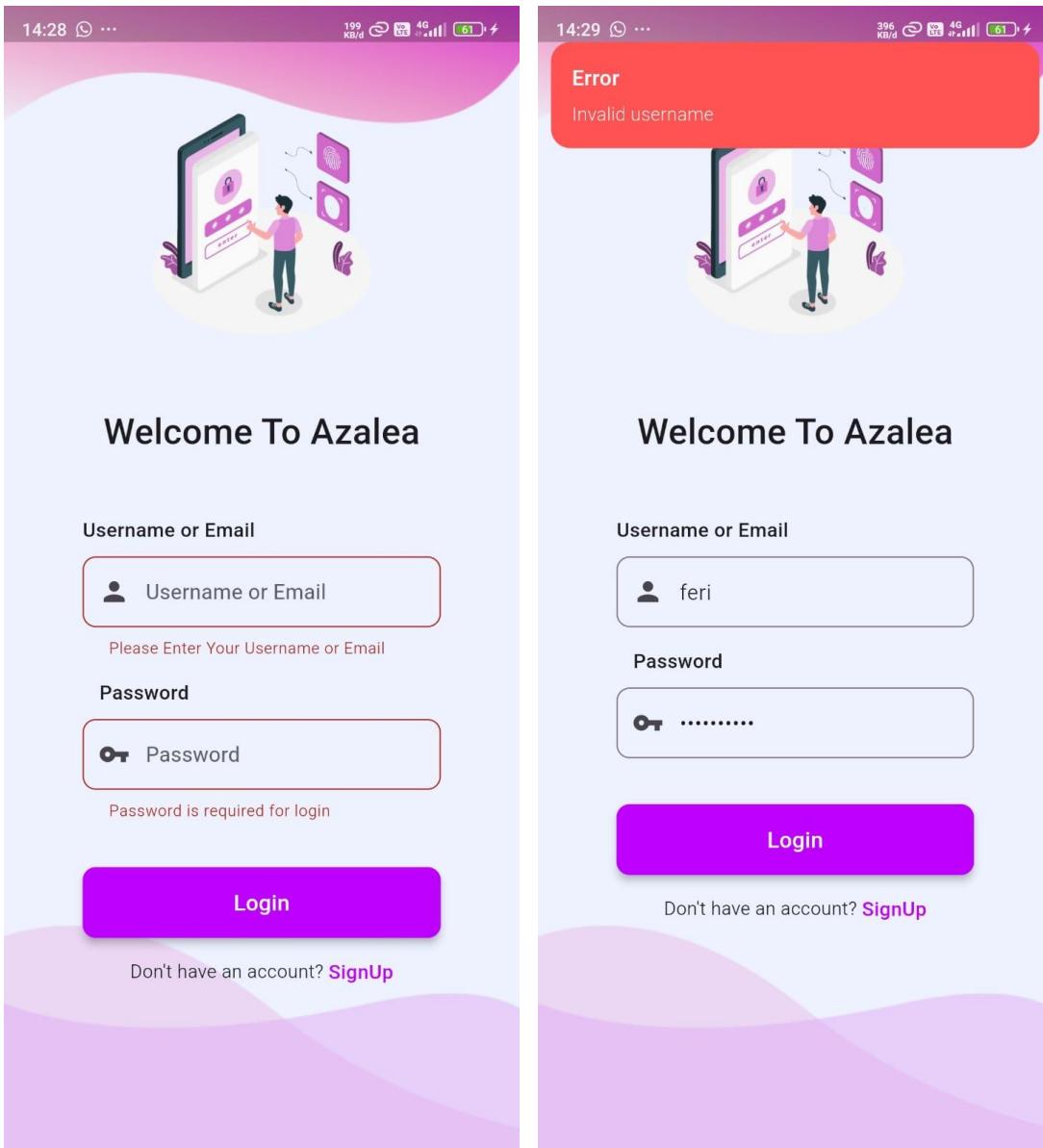
Name	Type	Last modified
user_images/	Folder	-

## 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](#)

Username cannot be Empty

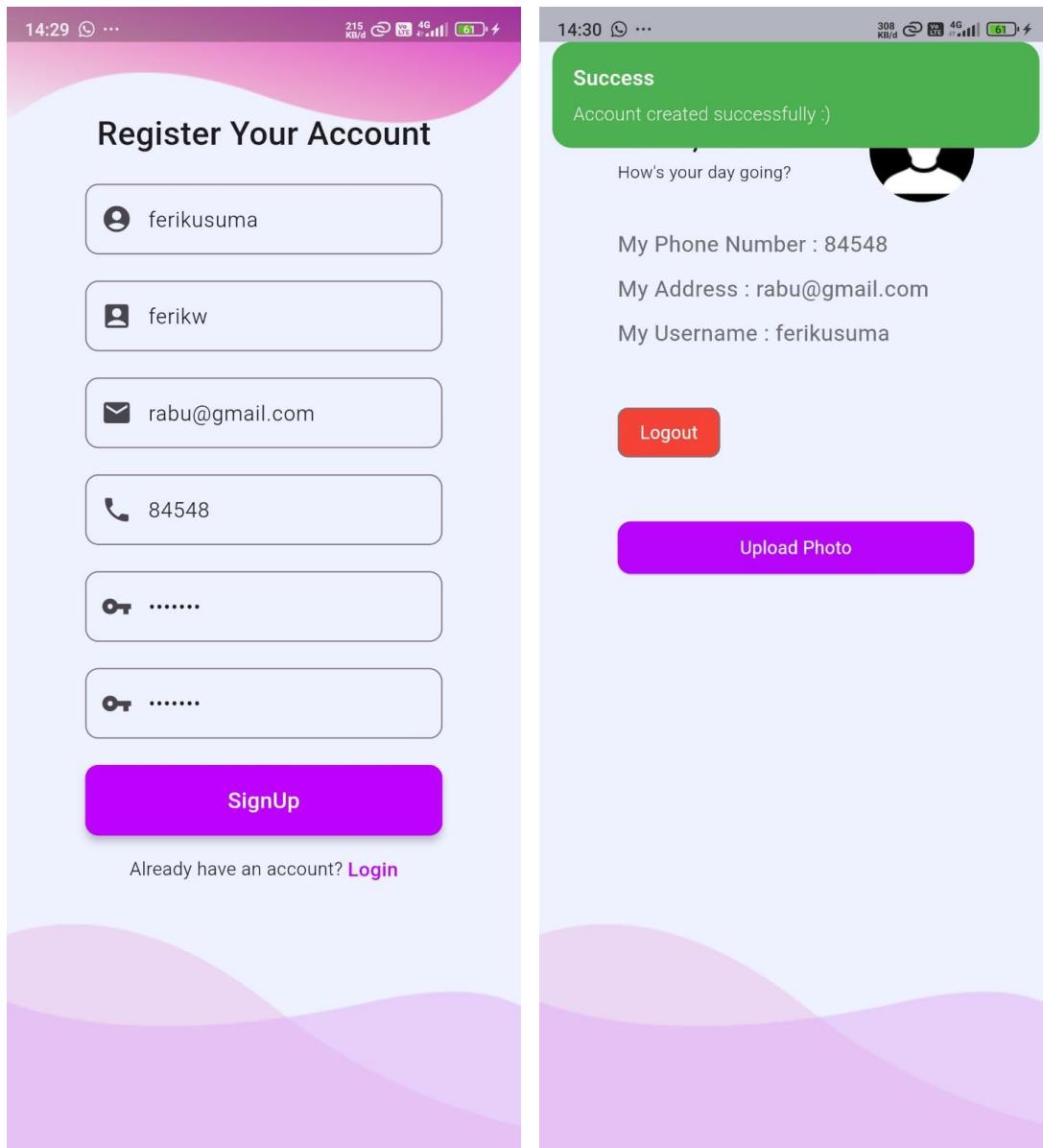
Name cannot be Empty

Please Enter Your Email

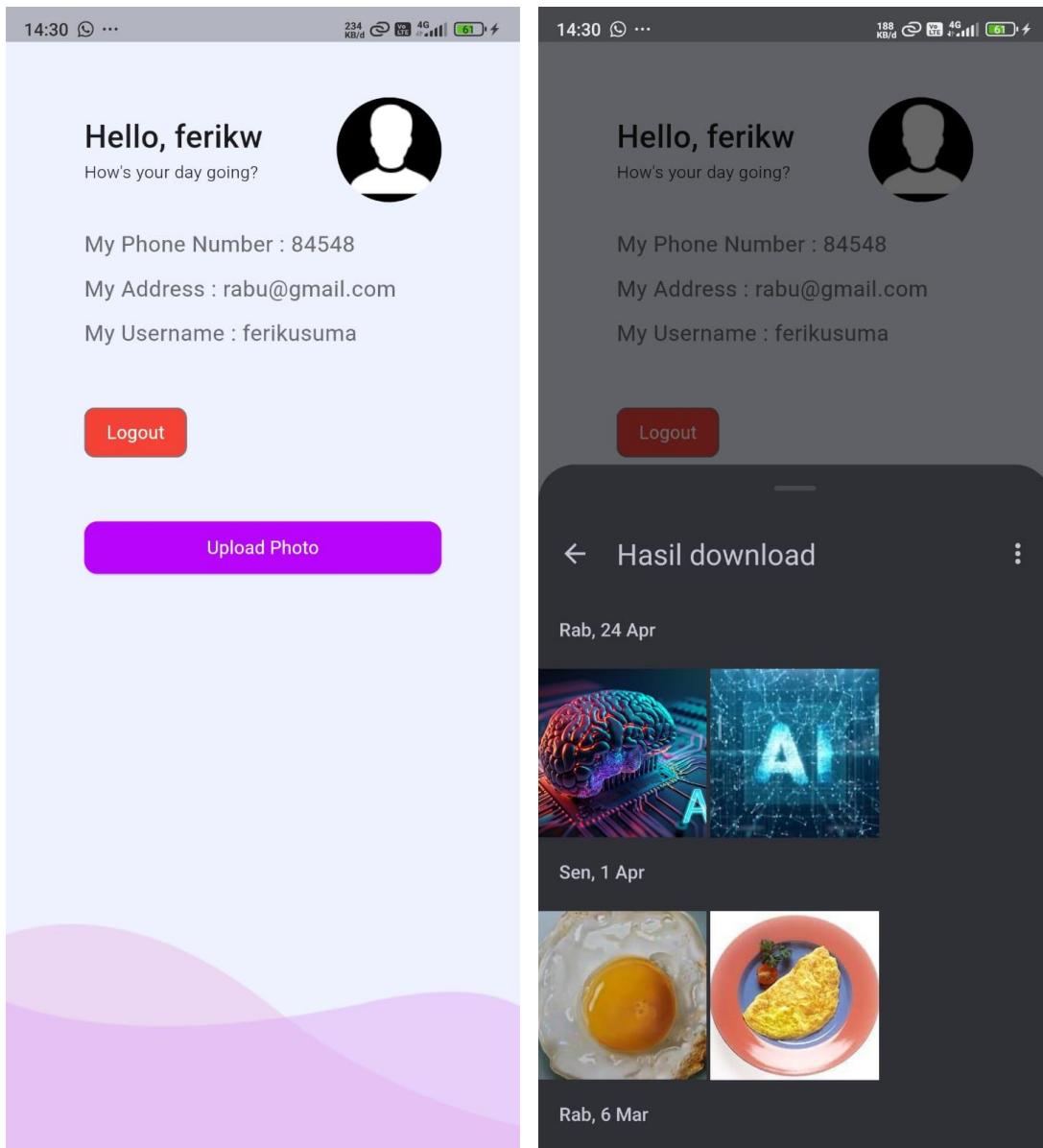
Telephone cannot be Empty

Password is required for login

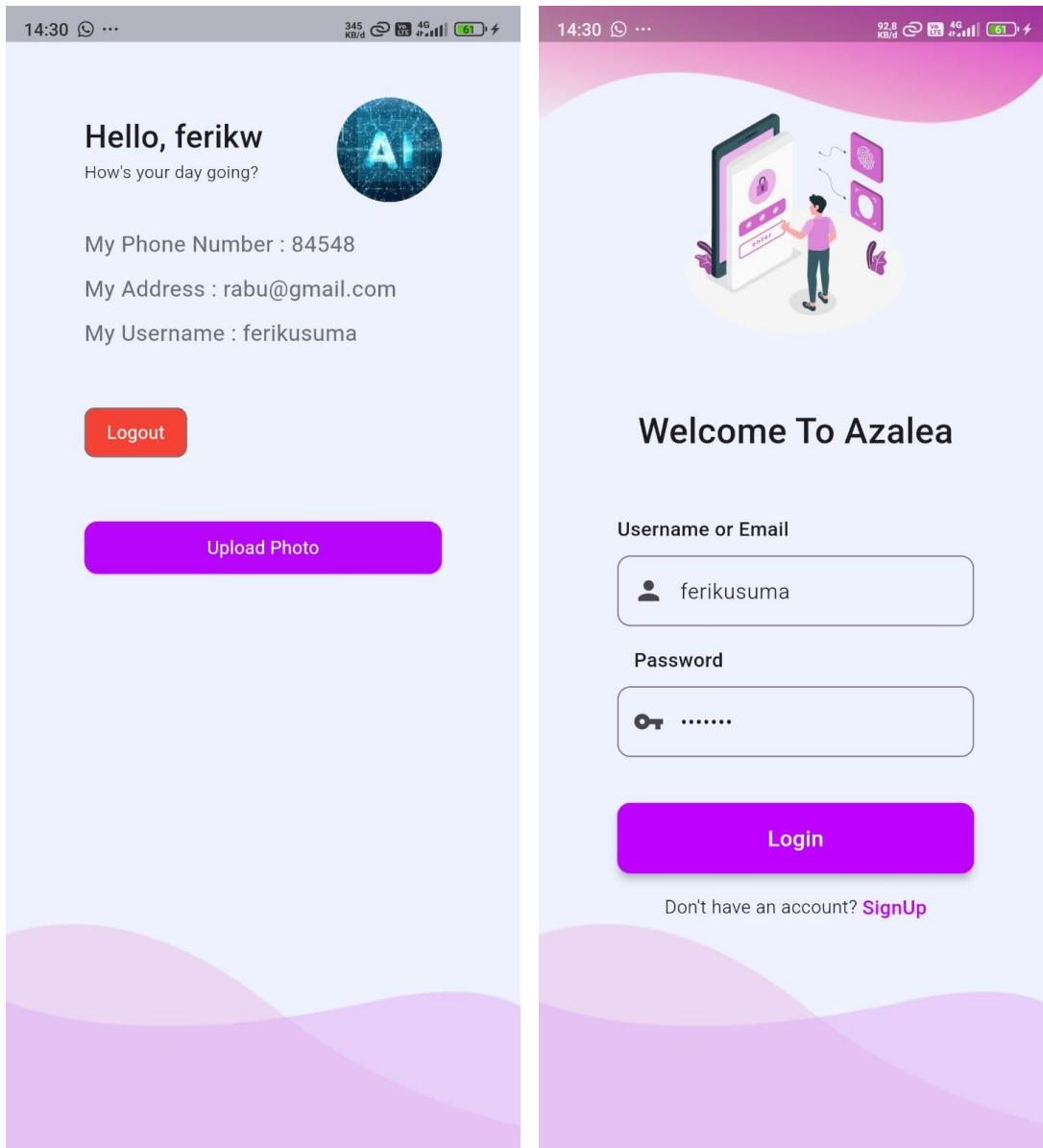
4. Berikut jika diisi inputan dan Berikut jika berhasil register dan akan snackbar berhasil



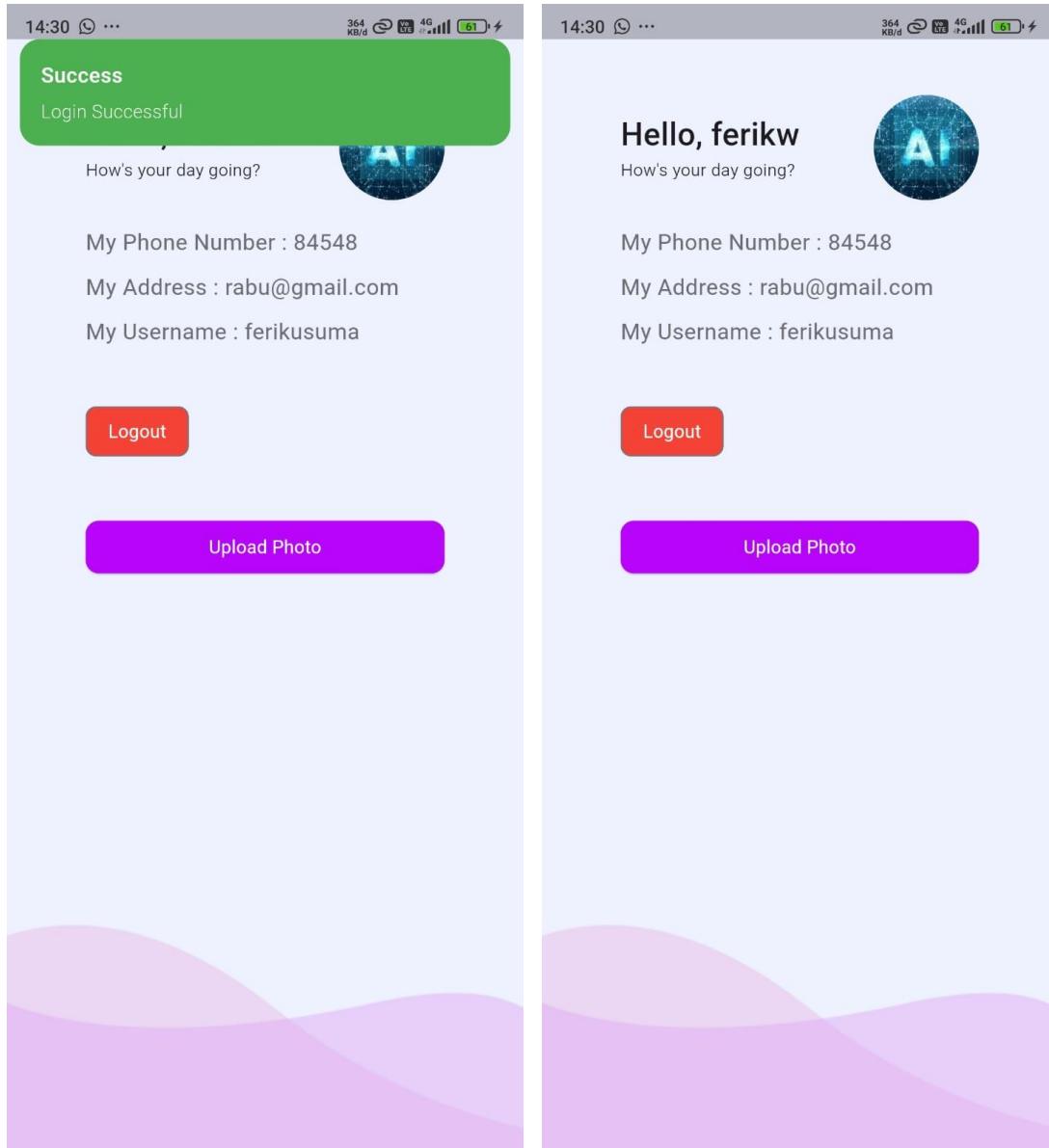
5. Berikut adalah tampilan dari halaman beranda atau home dan Jika klik upload foto maka akan masuk ke galeri dan bisa memilih foto



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



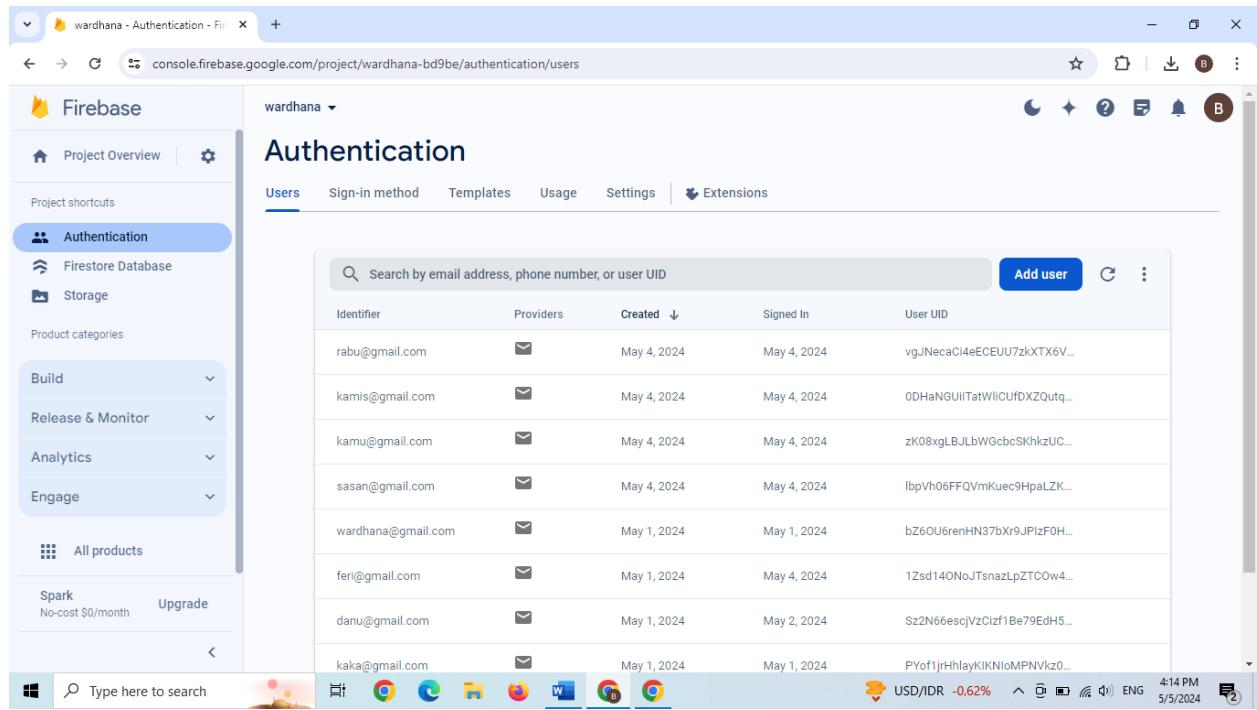
## 8. Berikut adalah firebase pada firestore database

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' buttons. The main content area displays a document under the 'users' collection. The document ID is 'vgJNecaCl4eEC'. It contains a single 'users' field with a value object. This object includes fields: email ('rabu@gmail.com'), firstName ('ferikw'), photoURL ('https://firebasestorage.googleapis.com/v0/b/wardhana-bd9be.appspot.com/-/user\_images%2FvgJNecaCl4eEC8alt=media&token=997ee4c3-447b-440b-b6a3-f710ccb3b929'), telepon ('84548'), uid ('vgJNecaCl4eECUU7zkXTX6V...'), and username ('ferikusuma'). A 'More in Google Cloud' button is also visible.

## 9. Berikut adalah firebase pada storage

The screenshot shows the Firebase Storage interface. The sidebar menu includes 'Project Overview', 'Authentication', 'Firestore Database', and 'Storage' (which is selected and highlighted in blue). The main content area displays a folder structure under 'gs://wardhana-bd9be.appspot.com'. The root folder contains a single folder named 'user\_images/'. A 'Upload file' button is located at the top right of the list area.

## 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), Firestore Database, Storage, Product categories, Build, Release & Monitor, Analytics, Engage, All products, Spark (No-cost \$0/month), and Upgrade. The main area is titled "Authentication" and shows a table of users. The table has columns for Identifier, Providers, Created, Signed In, and User UID. The data in the table is as follows:

Identifier	Providers	Created	Signed In	User UID
rabu@gmail.com	✉️	May 4, 2024	May 4, 2024	vgJNecaCl4eECEUU7zkXTX6V...
kamis@gmail.com	✉️	May 4, 2024	May 4, 2024	0DHaNGUiTatWliCuDXZQutq...
kamu@gmail.com	✉️	May 4, 2024	May 4, 2024	zK08xgLBjLbWGcbcSKhkzUC...
sasan@gmail.com	✉️	May 4, 2024	May 4, 2024	IbpVh06FFQVmKuec9HpaLZK...
wardhana@gmail.com	✉️	May 1, 2024	May 1, 2024	bZ6OU6renHN37bXr9JPizF0H...
feri@gmail.com	✉️	May 1, 2024	May 4, 2024	1Zsd14ONoJTsnaLpZTCow4...
danu@gmail.com	✉️	May 1, 2024	May 2, 2024	Sz2N66escjVzCif1Be79EdH5...
kaka@gmail.com	✉️	May 1, 2024	May 1, 2024	PYof1jrHhlayKIKNioMPNVkz0...

The bottom of the screen shows the Windows taskbar with icons for File Explorer, Edge, File, Firefox, Word, and Google Chrome. The system tray shows the date (5/5/2024), time (4:14 PM), battery level (84%), and network status.