

Name : Jiya Santani

Roll no: 51

Div: D15A

Exp-06

Aim:

Code:

```
import 'package:firebase_auth/firebase_auth.dart';
import 'package:flutter/cupertino.dart';
import 'package:flutter/material.dart';

class LoginPage extends StatefulWidget {
  const LoginPage({Key? key}) : super(key: key);

  @override
  State<LoginPage> createState() => _LoginPageState();
}

class _LoginPageState extends State<LoginPage> {

  final emailController = TextEditingController();
  final passwordController = TextEditingController();
  @override
  void dispose() {
    emailController.dispose();
    passwordController.dispose();
    super.dispose();
  }
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text('Firebase'),
      ),
      body: SafeArea(
        child: Column(
          crossAxisAlignment: CrossAxisAlignment.center,
          mainAxisAlignment: MainAxisAlignment.center,
          children: [
            Center(
              child: Container(
                decoration: BoxDecoration(
                  color: Colors.transparent,
                  border: Border.all(
                    color: Colors.black,
```

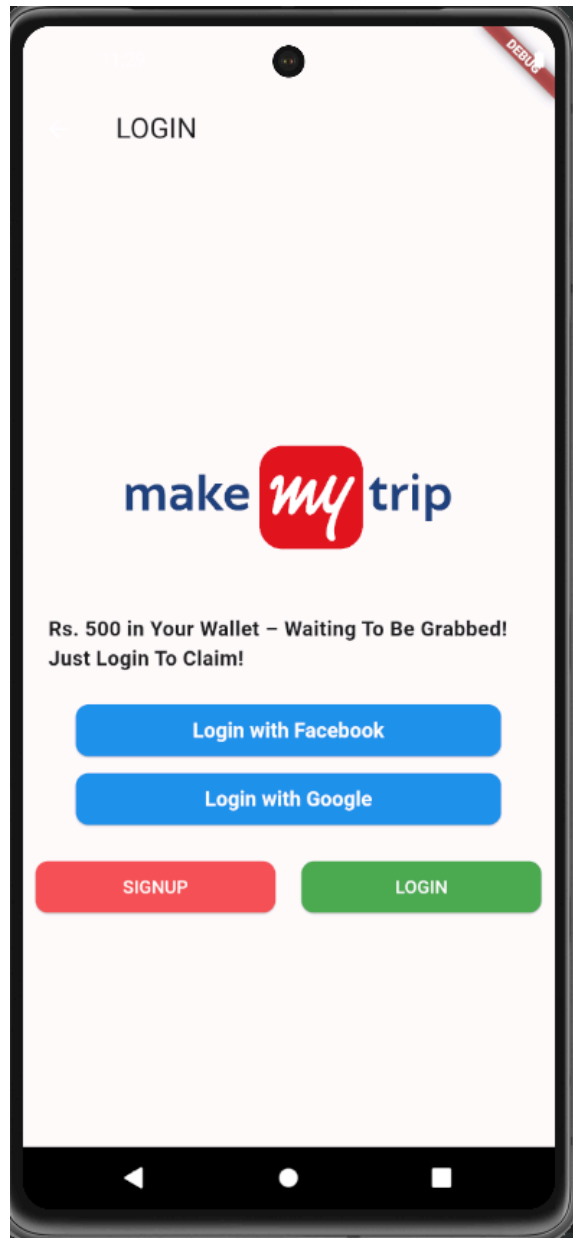
[illegible]

```

    ),
  ),
  ElevatedButton(
    style: ElevatedButton.styleFrom(
      backgroundColor: Colors.green
    ),
    onPressed: () {
      FirebaseAuth.instance.signInWithEmailAndPassword(email:
emailController.text.trim(), password: passwordController.text.trim());
    },
    child: Text('Login')
  ),
  ElevatedButton(
    style: ElevatedButton.styleFrom(
      backgroundColor: Colors.blue
    ),
    onPressed: () {
      FirebaseAuth.instance.createUserWithEmailAndPassword(email:
emailController.text.trim(), password: passwordController.text.trim());
    }, child: Text('signUp'))
  ],
),
),
);
}
}

```

Output:



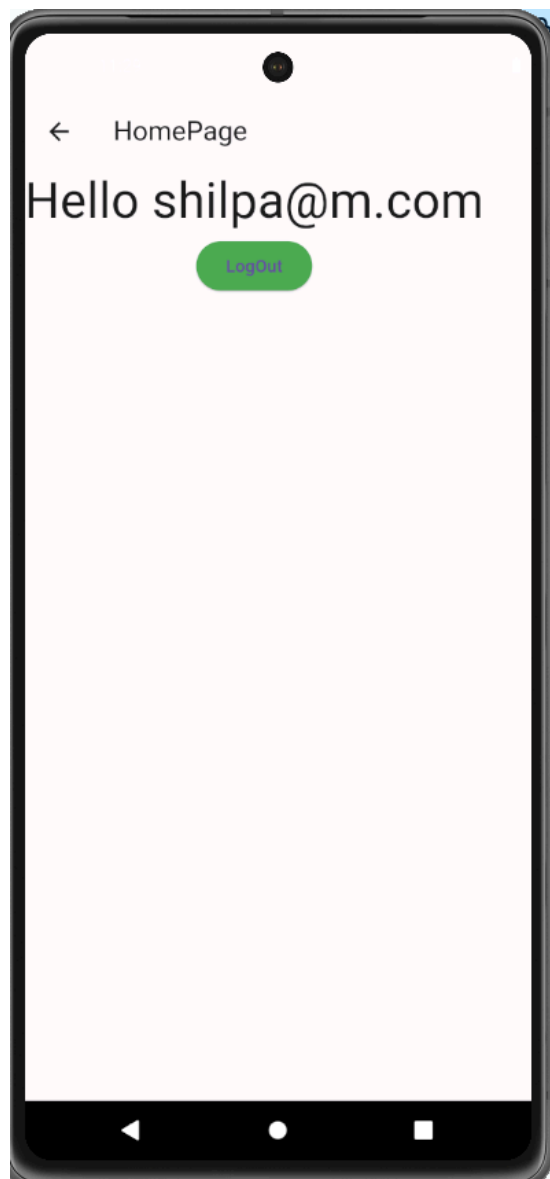


← HomePage

Hello jiya@m.com

Logout





🔥 Firebase

Project Overview

⚙️

Project shortcuts

👤 Authentication

🗄️ Firestore Database

📄 Realtime Database

What's new

🔌 Extensions

NEW

Product categories

Build

Release & Monitor

Analytics

Engage

All products

Spark

No cost \$0/month

Upgrade

demo2

Authentication

Users

Sign-in method

Templates

Usage

Settings

Extensions

🔍 Search by email address, phone number, or user UID

Add user

↻

⋮

Identifier	Providers	Created ↓	Signed In	User UID
shilpa@m.com	📧	Feb 16, 2024	Feb 16, 2024	rhT7T3C602UTK5KaKSiHHEB...
mahek@m.com	📧	Feb 16, 2024	Feb 16, 2024	kl7YjwusSUQE7j74zCCefxHH...
sneha@m.com	📧	Feb 15, 2024	Feb 15, 2024	Y4XCzTv3xsM9OladTZWZ6n...
hitesh@m.com	📧	Feb 15, 2024	Feb 15, 2024	xaulk0b148WrSNdIVATsRn8ys...
sakshi@m.com	📧	Feb 15, 2024	Feb 15, 2024	w2PHCtWc0acgmNwghsRKe7...
jiya@m.com	📧	Feb 14, 2024	Feb 16, 2024	PNeYycmWhSUp4p3dcfwCdW...

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