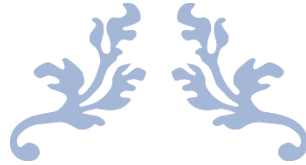




# RIPHAH

INTERNATIONAL UNIVERSITY



---

## QUIZ 1

---



**Name** : Muhammad Hammad

**Sap id** : 56765

**Course** : Mobile App Development

**Section:** SE 5-2

---

**Presented to :**

Sir. Waqar Arshad



# RIPHAH

INTERNATIONAL UNIVERSITY

---

GitHub Link:

## 1. Introduction

This quiz demonstrates a Flutter mobile app connected to Firebase for **Email/Password Authentication**.

The app allows users to **register, login**.

---

## 2. Tools & Technologies

- Flutter SDK
  - Android Studio
  - Firebase Console
  - Packages: `firebase_core`, `firebase_auth`
- 

## 3. Setup Steps

1. Created a Flutter project: `flutter create login_signup_quiz`
  2. Added Firebase project in console.
  3. Added `google-services.json` in `android/app/`
  4. Added packages in `pubspec.yaml`
  5. Initialized Firebase in `main.dart`
  6. Enabled Email/Password Auth in Firebase console
- 

## 4. Authentication Flow

- **Signup:** User enters email & password → stored in Firebase Auth → success message
  - **Login:** User enters credentials → validated against Firebase Auth → success → navigate to home
-



# RIPHAH

INTERNATIONAL UNIVERSITY

## 5. Screenshots

- **Login Screen**
- **Signup Screen**
- **Successful Login/Signup**

Email  
hammad813@gmail.com

Password  
\*\*\*\*\*

Signup

The email address is already in use by another account.

Email  
hammad813@gmail.com

Password  
\*\*\*\*\*

Login

Create an account

Login successful



# RIPHAH

## INTERNATIONAL UNIVERSITY

### Firestore :

Firestore

Project Overview

Project shortcuts

Authentication

Firestore Database

Product categories

Build

Run

Related development tools

Firestore Studio

Spark

No-cost (\$0/month)

Upgrade

NEW

loginsignupquiz

Authentication

Users

Sign-in method

Templates

Usage

Settings

Extensions

The following Authentication features will stop working when Firebase Dynamic Links shuts down soon: email link authentication for mobile apps, as well as Cordova OAuth support for web apps.

Search by email address, phone number, or user UID

Add user

Identifier	Providers	Created	Signed In	User UID
hammad813@gmail.com		Nov 29, 2025	Nov 29, 2025	9PzZzRpapTM136vofCK7wCk...
hammadx813@gmail.c...		Nov 29, 2025	Nov 29, 2025	LQDiQyC13ma08aTAJzNLWoi...

Rows per page: 50 1 - 2 of 2

### 7. Conclusion

This project demonstrates connecting a Flutter app to Firebase for authentication with a modern UI and supports both Android and Web platforms.