



# Mobile Application Development

Course Code:CSE-410

## Service Finder App

Presented By:

Mamunur Roshid (371)

# Problem Statement

- ▶ People Depend on Third Party for Service
- ▶ Causes Relatively High Cost
- ▶ Reduced earnings for service providers

# Our Solution

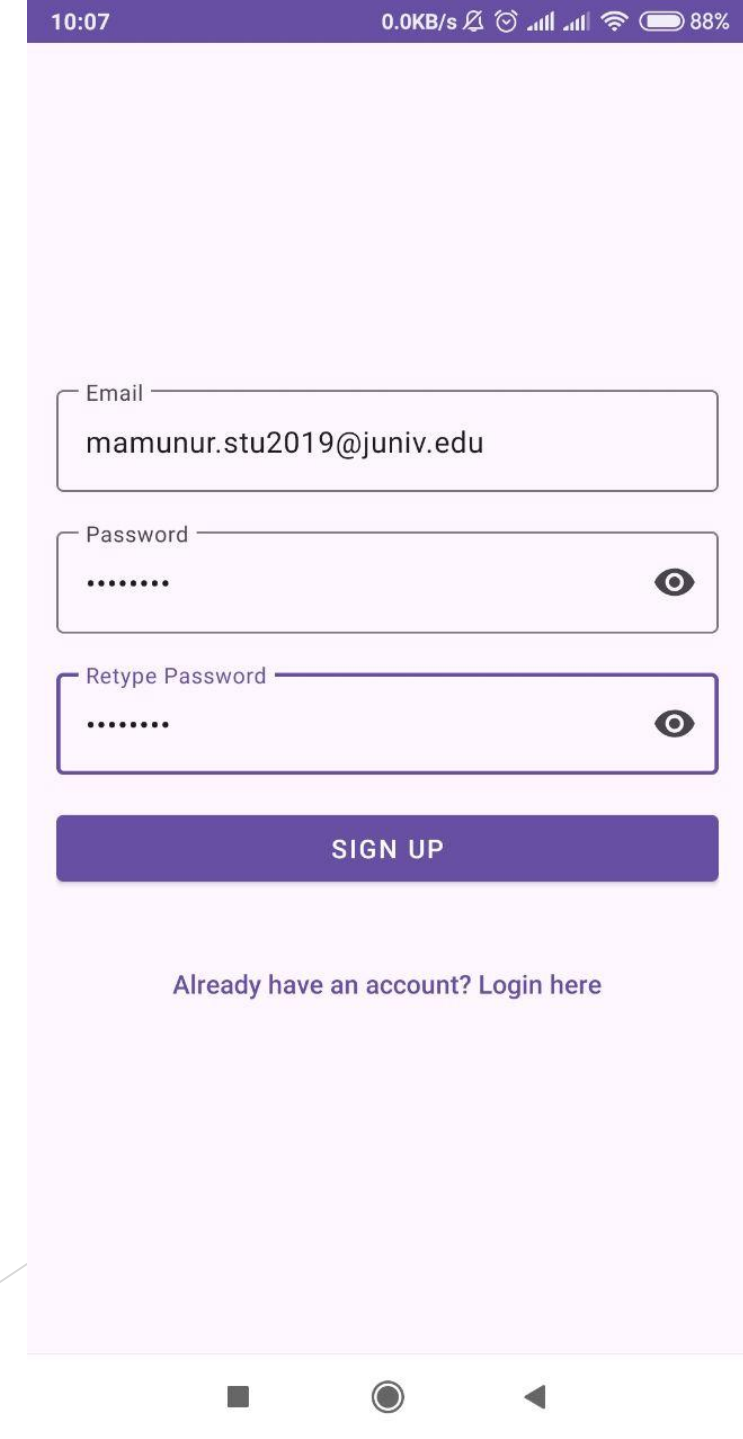
- ▶ Remove the third party and make direct communication between service provider and service taker so that people get service in low price and service provider earn more.

# App Main Features

- ▶ Secured Signup and Login System
- ▶ Reset Password Feature
- ▶ Find service provider around current location
- ▶ Direct Contact with the provider
- ▶ Give Rating and Feedback
- ▶ Update user profile
- ▶ Administration feature from firebase
- ▶ View Rating and Review
- ▶ Place Order
- ▶ Confirm Order, Decline Order
- ▶ Get Direction on Google Map
- ▶ Give Rating and Review

# Signup Feature

- Firebase Auth is used
- Email verification
- No fake user
- Interactive Design



A mobile application interface for a signup feature. The screen has a light purple background. At the top, there is a status bar with the time 10:07, data speed 0.0KB/s, and battery level 88%. Below the status bar, there is a large, faint watermark text that reads "Sign Up". The main form consists of three input fields: "Email" with the value "mamunur.stu2019@juniv.edu", "Password" with masked characters ".....", and "Retype Password" also with masked characters ".....". Each input field has a small eye icon to the right for toggling visibility. Below the input fields is a solid purple button with the text "SIGN UP" in white. At the bottom of the form, there is a link that says "Already have an account? Login here". The bottom of the screen shows the standard Android navigation bar with back, home, and recent apps icons.

10:07 0.0KB/s 88%

Sign Up

Email  
mamunur.stu2019@juniv.edu

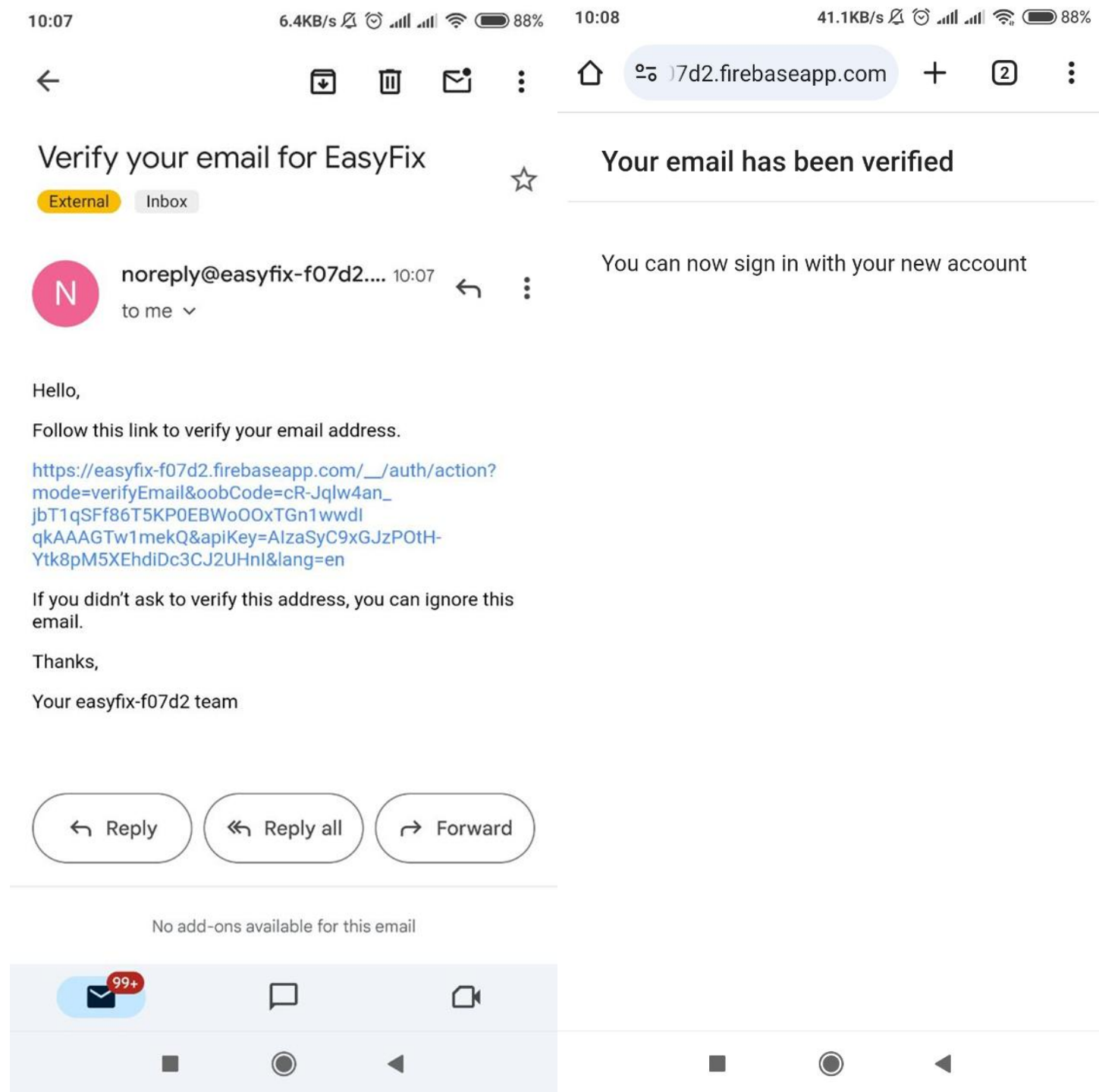
Password  
.....

Retype Password  
.....

SIGN UP

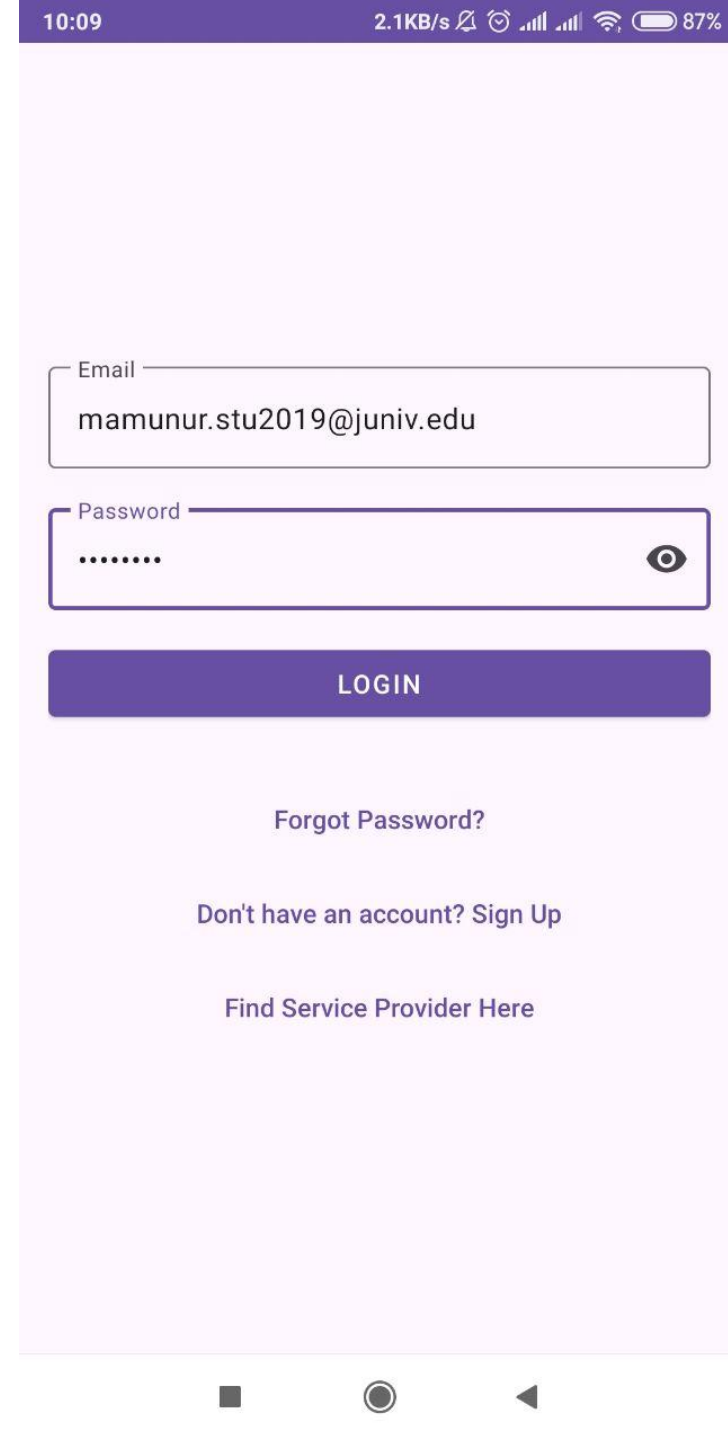
Already have an account? Login here

# Sign Up Feature Cont.



# Login Feature

- Remember Me Feature
- Navigation Button for Sign Up
- Navigation Button for Forget Password



10:09 2.1KB/s 87%

Email

mamunur.stu2019@juniv.edu

Password

.....

LOGIN

[Forgot Password?](#)

[Don't have an account? Sign Up](#)

[Find Service Provider Here](#)

The image shows a mobile application login screen. At the top, a status bar displays the time as 10:09, a data speed of 2.1KB/s, and a battery level of 87%. The login form consists of two input fields: 'Email' with the value 'mamunur.stu2019@juniv.edu' and 'Password' with masked characters '.....'. A purple 'LOGIN' button is positioned below the password field. Underneath the button are three links: 'Forgot Password?', 'Don't have an account? Sign Up', and 'Find Service Provider Here'. The bottom of the screen features a standard Android navigation bar with back, home, and recent apps icons.

# Forget Password Feature

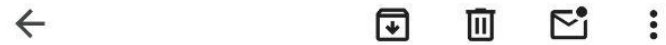
17:04 0.0KB/s 44%

Email  
mamunpgx@gmail.com

RESET PASSWORD

17:04

0.2KB/s 44%



Reset your password for  
easyfix-f07d2

Inbox



noreply@easyfix-... 17:03  
to me



Hello,

Follow this link to reset your easyfix-f07d2 password for your [mamunpgx@gmail.com](mailto:mamunpgx@gmail.com) account.

[https://easyfix-f07d2.firebaseio.com/\\_/auth/action?mode=resetPassword&oobCode=ERheV2Y7GkLMtBDUqfQe6YeHcg9pYyH7h3Rew-5YSoAAAGTxNblkg&apiKey=AlzaSyC9xGJzPOtH-Ytk8pM5XEhdiDc3CJ2UHnl&lang=en](https://easyfix-f07d2.firebaseio.com/_/auth/action?mode=resetPassword&oobCode=ERheV2Y7GkLMtBDUqfQe6YeHcg9pYyH7h3Rew-5YSoAAAGTxNblkg&apiKey=AlzaSyC9xGJzPOtH-Ytk8pM5XEhdiDc3CJ2UHnl&lang=en)

If you didn't ask to reset your password, you can ignore this email.

Thanks,

Mamunur Roshid

From easyfix-f07d2 team

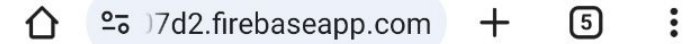


noreply@easyfix-... 17:04



17:05

0.0KB/s 44%



Reset your password

for [mamunpgx@gmail.com](mailto:mamunpgx@gmail.com)

New password

.....



SAVE



# Dashboard for New User

10:09 0.1KB/s 🔔 🕒 📶 📶 📶 🔋 87%



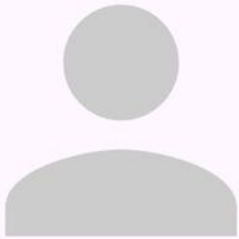
Complete Profile



Sign Out

# Complete Profile Page

17:30 4.7KB/s 42%



Bio

**Full Name:** Full Name

**Phone Number:** Phone Number

**Email:** Email

**Location:** Location


**Age:** Age

**Type of Service:** Service Taker

UPDATE LOCATION

SAVE

17:32 0.3KB/s 41%



Bio

This is Mamunur Roshid

**Full Name:** Mamunur Roshid

**Phone Number:** +8801793232510

**Email:** mamunur.stu2019@juniv.edu

**Location:** Savar, Dhaka

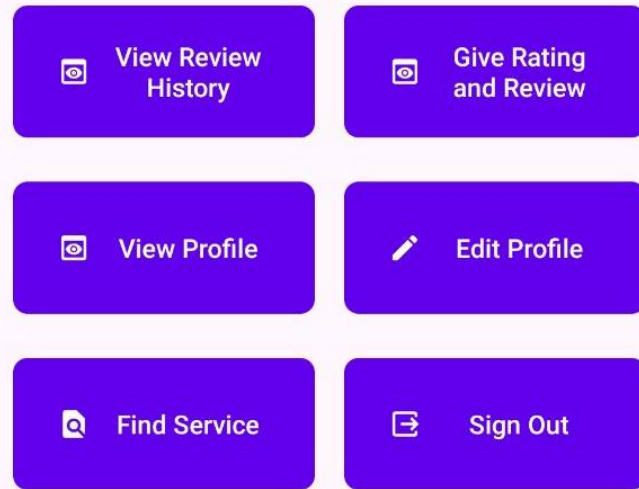
**Age:** 25

**Type of Service:** Service Taker

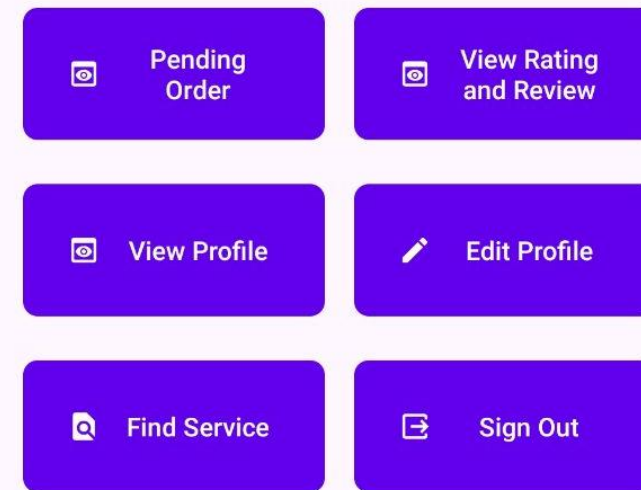
UPDATE LOCATION

SAVE

# After Complete Profile



For Service Taker



For Service Provider

# View Profile

10:26 P P 0.3KB/s 0.3KB/s 85%

Welcome to EasyFix!



This is Mamunur Roshid

Name:

Mamunur Roshid

Age:

25

Email:

mamunur.stu2019@juniv.edu

Phone:

+8801793232510

Location:

Savar, Dhaka

Service Type:

Service Taker

Number of Order:

Rating:

17:41 0.1KB/s 0.1KB/s 40%

Welcome to EasyFix!



This is Niaz Rahman

Name:

Niaz Rahman

Age:

23

Email:

mamunpgx@gmail.com

Phone:

+8801521579417

Location:

Savar, Dhaka

Service Type:

Plumbing

Number of Order:

null


Rating:

0.0

# Edit Profile Feature

- Can update Bio Description
- Can update phone number
- Can update Location feature by one click
- Change any info except email

17:43 8.4KB/s 40%



Bio

This is Mamunur Roshid

Full Name: Mamunur Roshid

Phone Number: +8801793232510

Email: mamunur.stu2019@juniv.edu

Location: Savar, Dhaka

Age: 25

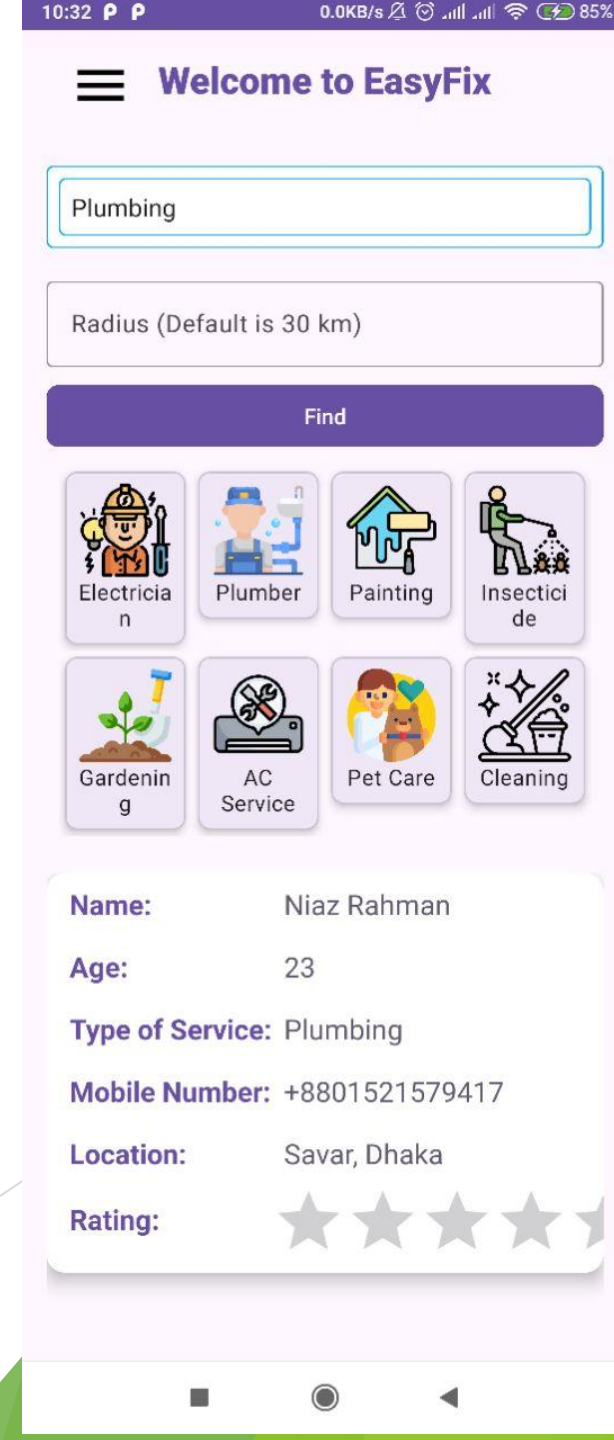
Type of Service: Service Taker

UPDATE LOCATION

SAVE

# Find Service Feature

- Get Service Provider by one click
- High Rating service provider will appear first
- Fast searching by firebase
- Dynamic result list by selecting radius



# Find Service Cont.

17:51 0.1KB/s 38%

**Name:** Rashed Khan(74)

**Age:** 44

**Type of Service:** Plumbing

**Mobile Number:** +880112123296

**Location:** Dhaka, Bangladesh

**Rating:** ★★★★★

**Name:** Sovon Mallik(93)

**Age:** 23

**Type of Service:** Plumbing

**Mobile Number:** +880147792077

**Location:** Dhaka, Bangladesh

**Rating:** ★★★★★

**Name:** Fahim Rahman(10)

**Age:** 57

**Type of Service:** Plumbing

**Mobile Number:** +880168468029

**Location:** Dhaka, Bangladesh

**Rating:** ★★★★★

**Name:** Niaz Rahman

**Age:** 23

**Type of Service:** Plumbing

**Mobile Number:** +8801521579417

**Location:** Savar, Dhaka

**Rating:** ★★★★★

10:32 P P 0.0KB/s 85%

## Welcome to EasyFix!



**This is Niaz Rahman**

**Name:** Niaz Rahman

**Age:** 23

**Email:** mamunpgx@gmail.com

**Phone:** +8801521579417

**Location:** Savar, Dhaka

**Service Type:** Plumbing

**Number of Order:** null

**Rating:** 0.0

[View Reviews](#)

[Place Order](#)



# Find Service Cont.

10:34 0.1KB/s 85%



**This is Niaz Rahman**

**Name:** Niaz Rahman  
**Age:** 23  
**Email:** mamunpgx@gmail.com  
**Phone:** +8801521579417  
**Location:** Savar, Dhaka  
**Service Type:** Plumbing  
**Number of Order:** null  
**Rating:** Order placed successfully!

[View Reviews](#)

[Place Order](#)

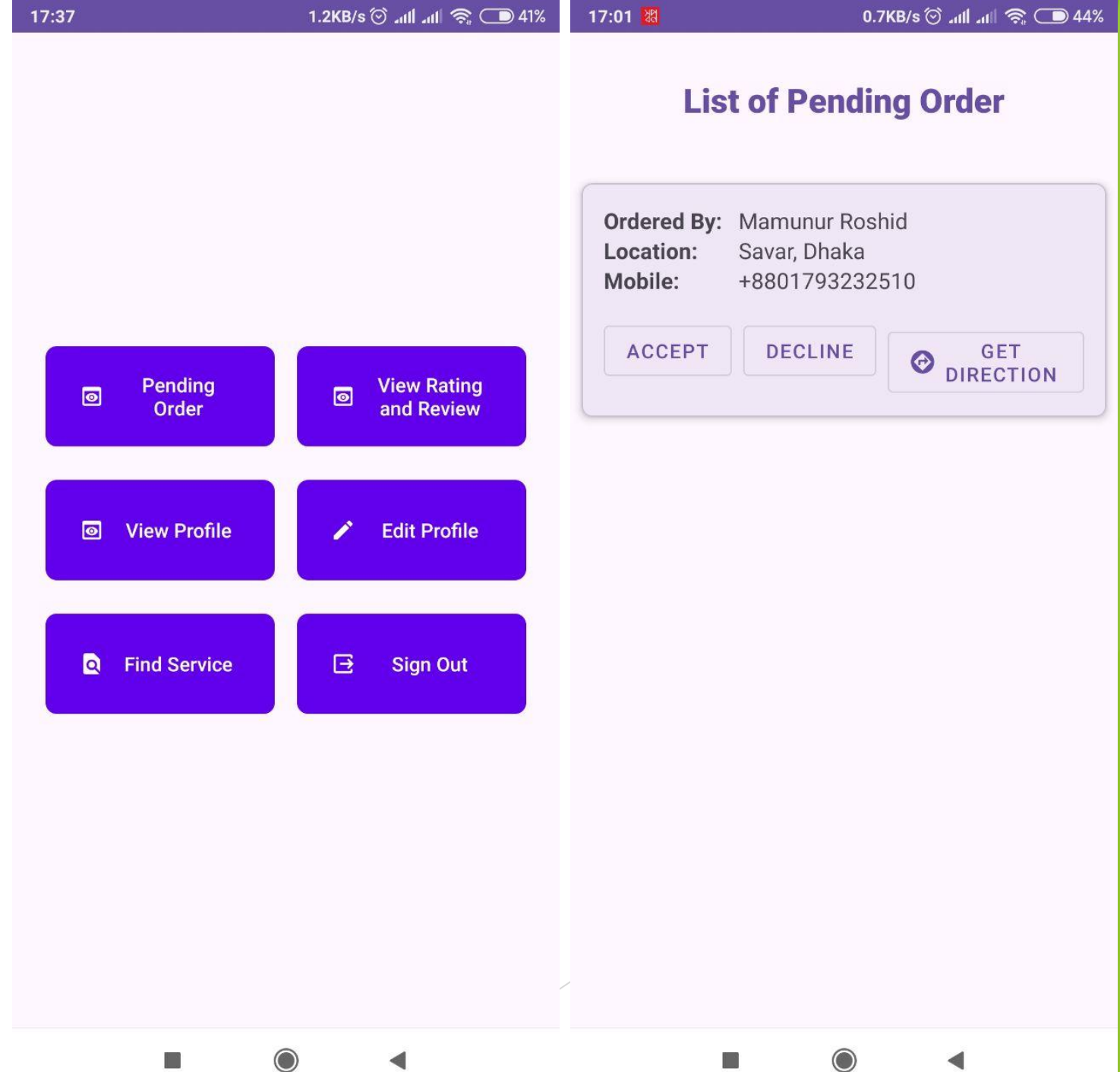
10:32 0.1KB/s 85%

## Customer Review

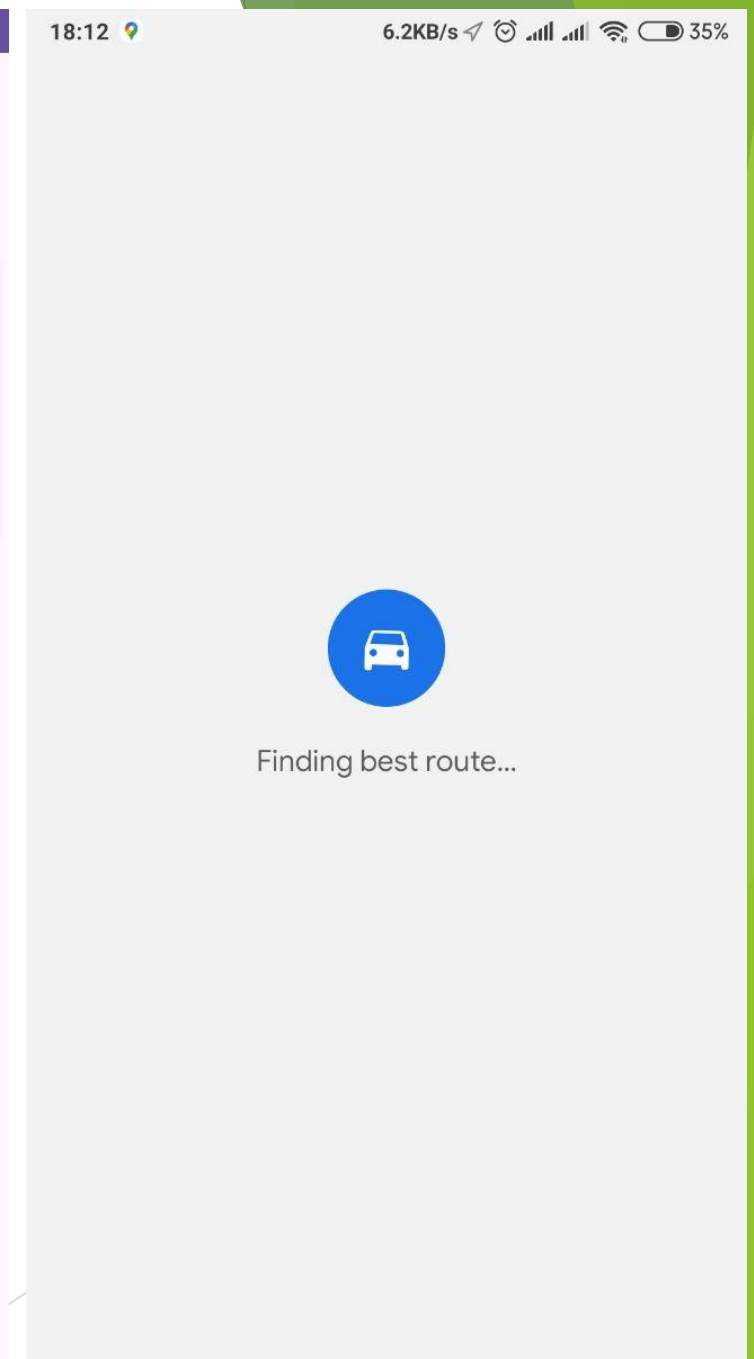
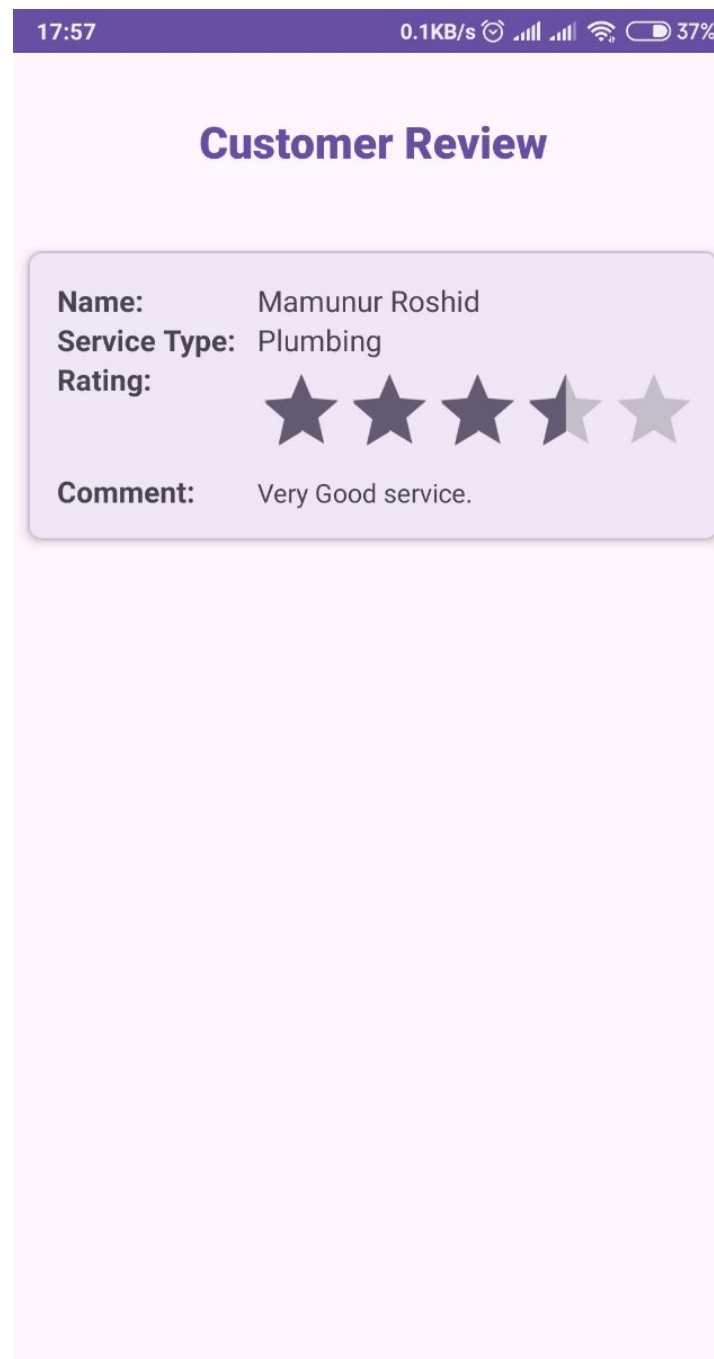
**Name:** Shahinur Islam(45)  
**Service Type:** Plumbing  
**Rating:** ★★☆☆☆  
**Comment:** Will use their services again.



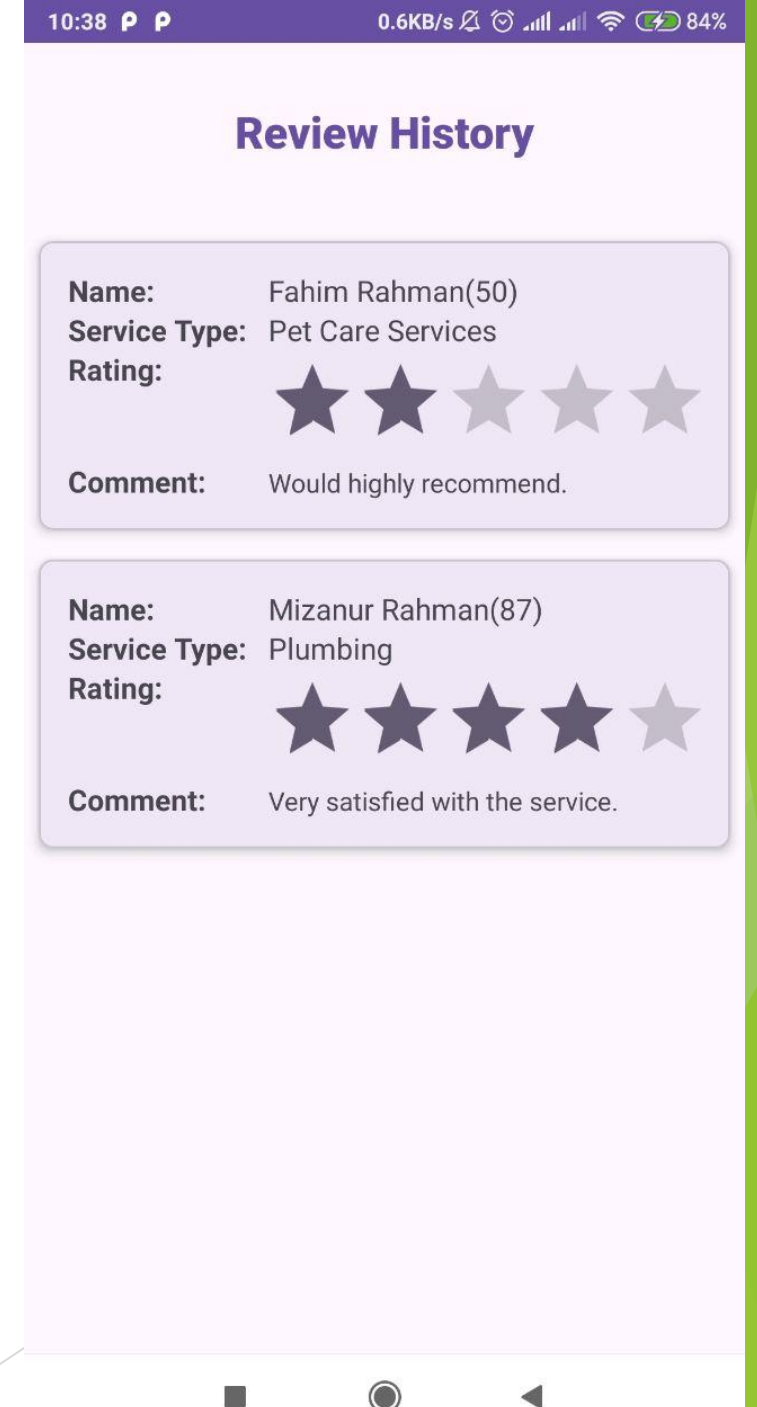
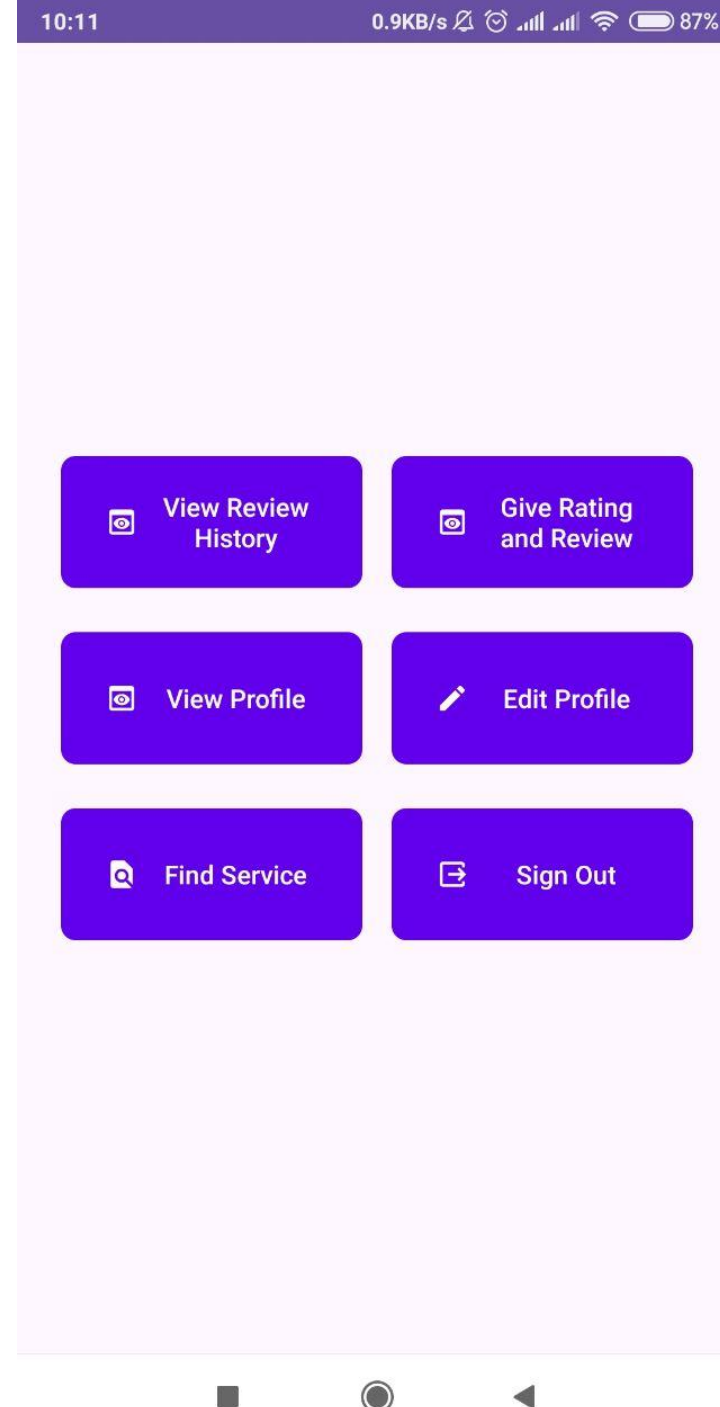
# Provider Dashboard



# Provider Dashboard



# Taker Dashboard



# Give Rating

18:01 d 4.3KB/s 37%

## Pending For Review

**Name:** Mamunur Rashid(73)  
**Service Type:** Pest Control Services  
**Rating:** ★ ★ ★ ★ ★  
**Comment:**

**Name:** Nazmul Haque(83)  
**Service Type:** Electrical  
**Rating:** ★ ★ ★ ★ ★  
**Comment:**

**Name:** Nazmul Haque(55)  
**Service Type:** Plumbing  
**Rating:** ★ ★ ★ ★ ★  
**Comment:**

**Name:** Iqbal Hossain(68)  
**Service Type:** Cleaning  
**Rating:** ★ ★ ★ ★ ★  
**Comment:**

18:01 d 0.4KB/s 37%

## Provide Review Here

★ ★ ★ ★ ★

Enter your review

Good work

Save











q w e r t y u i o p  
a s d f g h j k l  
z x c v b n m  
?123 , English .

# Authentication

[Users](#)
[Sign-in method](#)
[Templates](#)
[Usage](#)
[Settings](#)
[Extensions](#)



Add user



Identifier	Providers	Created ↓	Signed In	User UID
mamunpgx@gmail.com		Dec 14, 2024	Dec 14, 2024	uAcuuDuJ86QlojNbkDyWoldx...
mamunur.stu2019@jun...		Dec 14, 2024	Dec 14, 2024	hbHidIFcASTIz8Ae8oSftv4rPU...
testuser100@gmail.com		Dec 14, 2024		TyNlj3H3vDackwdgIODqMI3P...
testuser99@gmail.com		Dec 14, 2024		YxqsfV8Qi7OvIAOjStCVDCsDs...
testuser98@gmail.com		Dec 14, 2024		k1jJJP4WT1PSpmgOv7Eq6szl...
testuser97@gmail.com		Dec 14, 2024		9DpwipAvioeTod4IOsFroWiTL...
testuser96@gmail.com		Dec 14, 2024		Kt2aVnhZPTgSgKlsczSMWBq...
testuser95@gmail.com		Dec 14, 2024		LBbZ4xRactOoMOOtCksDVDP...
testuser94@gmail.com		Dec 14, 2024		Gfb5TkNmIAQO6aIHfWilbnKq...
testuser93@gmail.com		Dec 14, 2024	Dec 14, 2024	SnGhIQ5TWeazgxwHcMPc0VI...

# Cloud Firestore

Add database

 Ask Gemini how to get started with Firestore
 
Data
Rules
Indexes
Disaster Recovery NEW
Usage

 Extensions
 
Panel view
Query builder

 > users > 111h6QCcsmQ4..
 

 More in Google Cloud ▾
 

 (default)
 

 users
 

 111h6QCcsmQ4CNljYoGwy8WRHim1
 
+ Start collection
orders
users >
+ Add document
5UtN451auoWi5NsbNW5jgCBPHF...
5tWl8hmEdTbvDhXVkyngihIhCi...
697pqJh9UbUDneKAwmvPuwTa8s...
6PciYkylvCcCmtn1fkhh25ljkM...
6sSIQqqXQCTM245mcVLkQim1IC...
7m6pt0j5iv0Q03q1K8w8j6ifnf...
7xrESMkr6vVgers5X5eIGkWfyC...
9DFz94v5CDa0QvAAs8YNIKWQi2...
9DpwipAvioeTod4IOsFroWiTL4...
A4A7W1NBLhYhyGaXwyvfdAfpfy...
AwrI6XMmBhfTuZq05Hi9kwivsv...
+ Start collection
+ Add field
age: 30
bio: "Enjoys traveling and experiencing new cultures. Loves to explore new things. Enjoys watching movies."
email: "testuser38@gmail.com"
fullName: "Taslima Begum(38)"
imageUrl: "https://randomuser.me/api/portraits/med/men/38.jpg"
latitude: 23.071533268715942
location: "Dhaka, Bangladesh"
longitude: 88.23916222850723
number\_of\_orders: 64

# Cloud Firestore

Add database

Ask Gemini how to get started with Firestore

Data Rules Indexes Disaster Recovery NEW Usage Extensions

Panel view Query builder

orders > 01Gl6s7QKHH0..

More in Google Cloud

(default)	orders	01Gl6s7QKHH0FVi6Pobu
+ Start collection	+ Add document	+ Start collection
orders >	01Gl6s7QKHH0FVi6Pobu >	+ Add field
users	1d1XCCnT64HMAA4oRBx1	confirmed: true
	21FEH2nFGB6m1XVeWNCc	isReviewed: true
	30DwDcwJRgXFpbxIwhHY	orderFrom: "hbHidIFcASTIz8Ae8oSftv4rPUy1"
	48cbS6bVbSi0InPP6gJk	orderTo: "S9RKikgRbGbnwDrDydgD2QqNEhV2"
	4aTRPuzQUG9gvdKVLUEB	rating: 4.456943732995944
	5Q2rbuWKUNBLZ9XW9gi7	review: "Very satisfied with the service."
	60bj6ko6H4GqxyKQb3h7	serviceType: "Electrical"
	6YK3KhX0Ai8zWMTRgBI9	
	6YuBi24mVly5jvW31hWK	
	6qEhiyDfmPh9r4Uu92Tv	

Project Overview

Generative AI

Build with Gemini

Genkit NEW

Project shortcuts

Firestore Database

Realtime Database

Authentication

**Storage**

Product categories

Build ▾

Run ▾

Analytics ▾

All products

Spark  
No-cost (\$0/month)

Upgrade  
NEW

gs://easyfix-f07d2.appspot.com > profile\_images ▴ ▾

Upload file



<input type="checkbox"/>	Name	Size	Type	Last modified
<input type="checkbox"/>	7m6ptOj5ivOQ03q1K8w8j6ifnfy2.jpg	224.96 KB	image/png	Dec 14, 2024
<input type="checkbox"/>	MKtVqolaRLQhKjHSvWQWbHYzizO2.jpg	2.7 MB	image/jpeg	Nov 11, 2024
<input type="checkbox"/>	hbHidIFcASTIz8Ae8oSftv4rPUy1.jpg	224.96 KB	image/png	Dec 14, 2024
<input type="checkbox"/>	pKNMRP3VPLTIVWwINtMM5q3Ezdj2.jpg	155.21 KB	image/jpeg	Oct 11, 2024
<input type="checkbox"/>	uAcuuDuJ86QlojNbkDywEoldx162.jpg	131.21 KB	image/jpeg	Dec 14, 2024
<input type="checkbox"/>	wrQAgKdwZCgTJh1wsxtKNieaE6D2.jpg	155.21 KB	image/jpeg	Dec 10, 2024

7m6ptOj5ivOQ03q1K8w8j6ifnfy2.jpg



Name  
[7m6ptOj5ivOQ03q1K8w8j6ifnfy2.jpg](#)

Size  
230,358 bytes

Type  
image/png

Created  
Dec 14, 2024, 10:10:54 AM

Updated  
Dec 14, 2024, 10:10:54 AM

File location ▾

Other metadata ▾



# Github Repository Link

<https://github.com/mamunurRoshid14/EasyFix>

**THANK YOU**