

CitiGuide

Your travel companion

CITiGUIDE

YOUR CITY. YOUR GUIDE.



CitiGuide Members

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Introduction

CitiGuide is a platform that helps people find and enjoy the best of their city. It provides information on local businesses, events, and attractions, making it easier for both residents and visitors to explore and discover new things.



Problem Definition

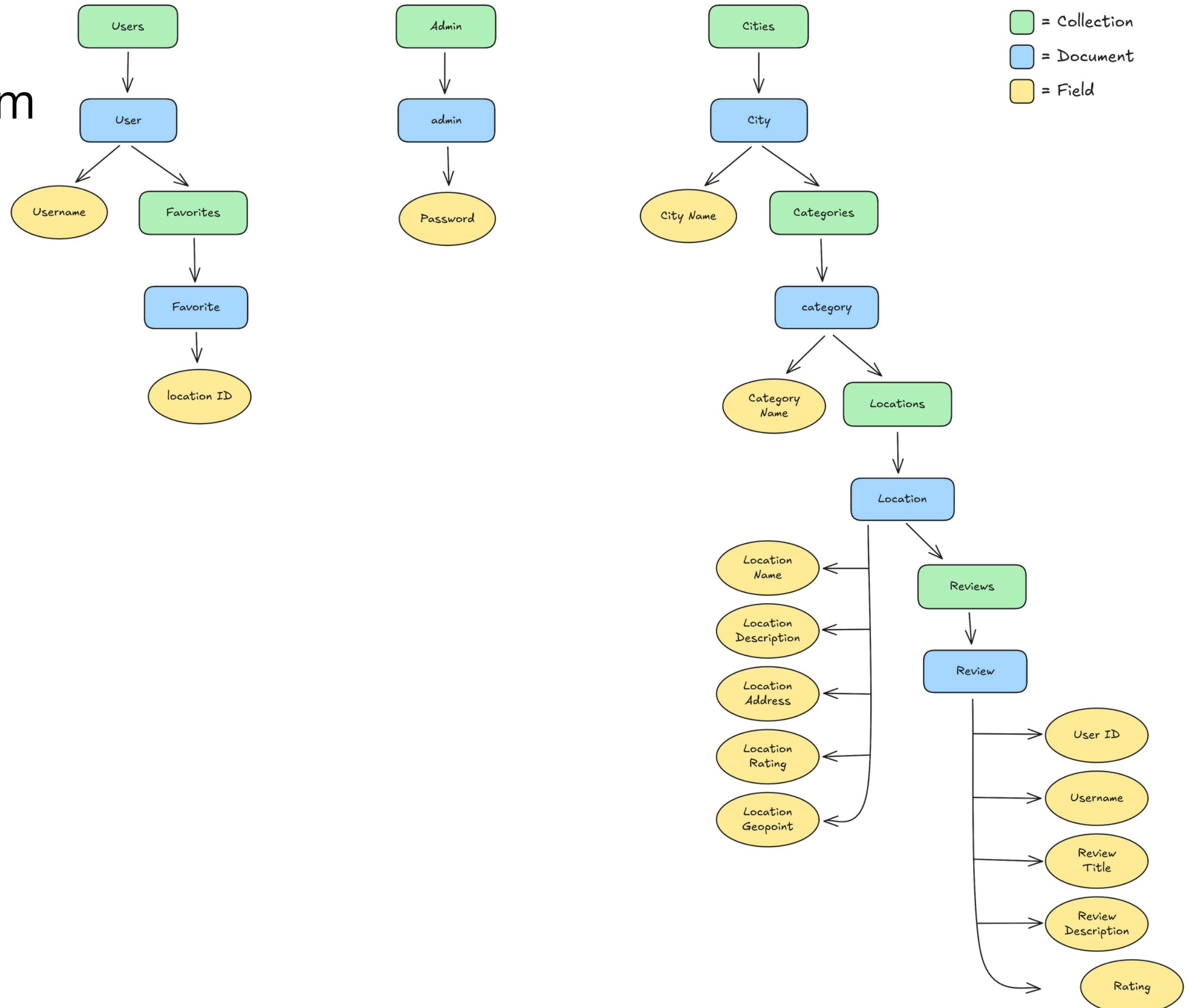
CitiGuide aims to simplify urban exploration by providing a single platform with accurate and up-to-date information on local attractions, services, and events. This helps people overcome the challenges of finding relevant information in a fast-paced and information-rich environment, saving them time and improving their city experiences.



"CitiGuide is your compass to the city—guiding you to hidden gems, exciting events, and the best local experiences with ease and efficiency."

Diagrams

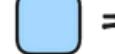
Database Diagram

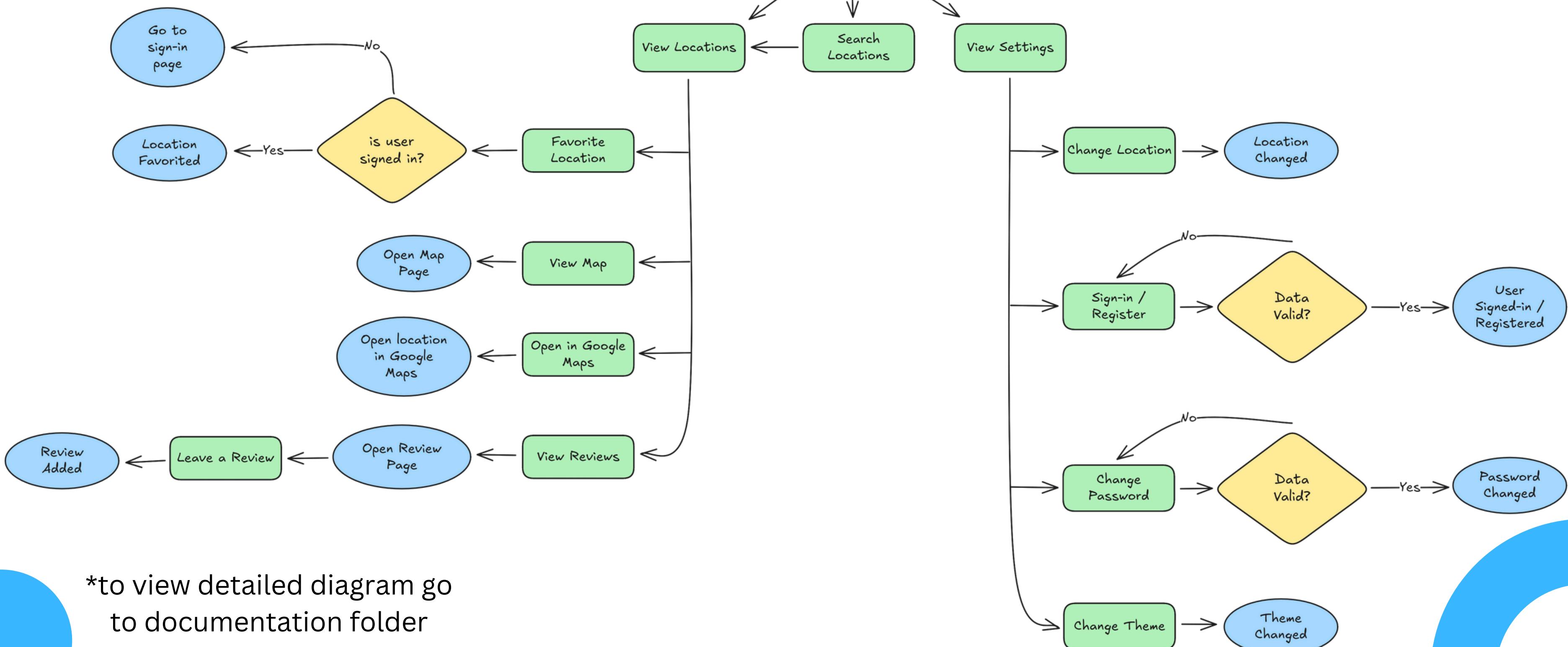


*to view detailed diagram go
to documentation folder

Diagrams

User Data Flow Diagram

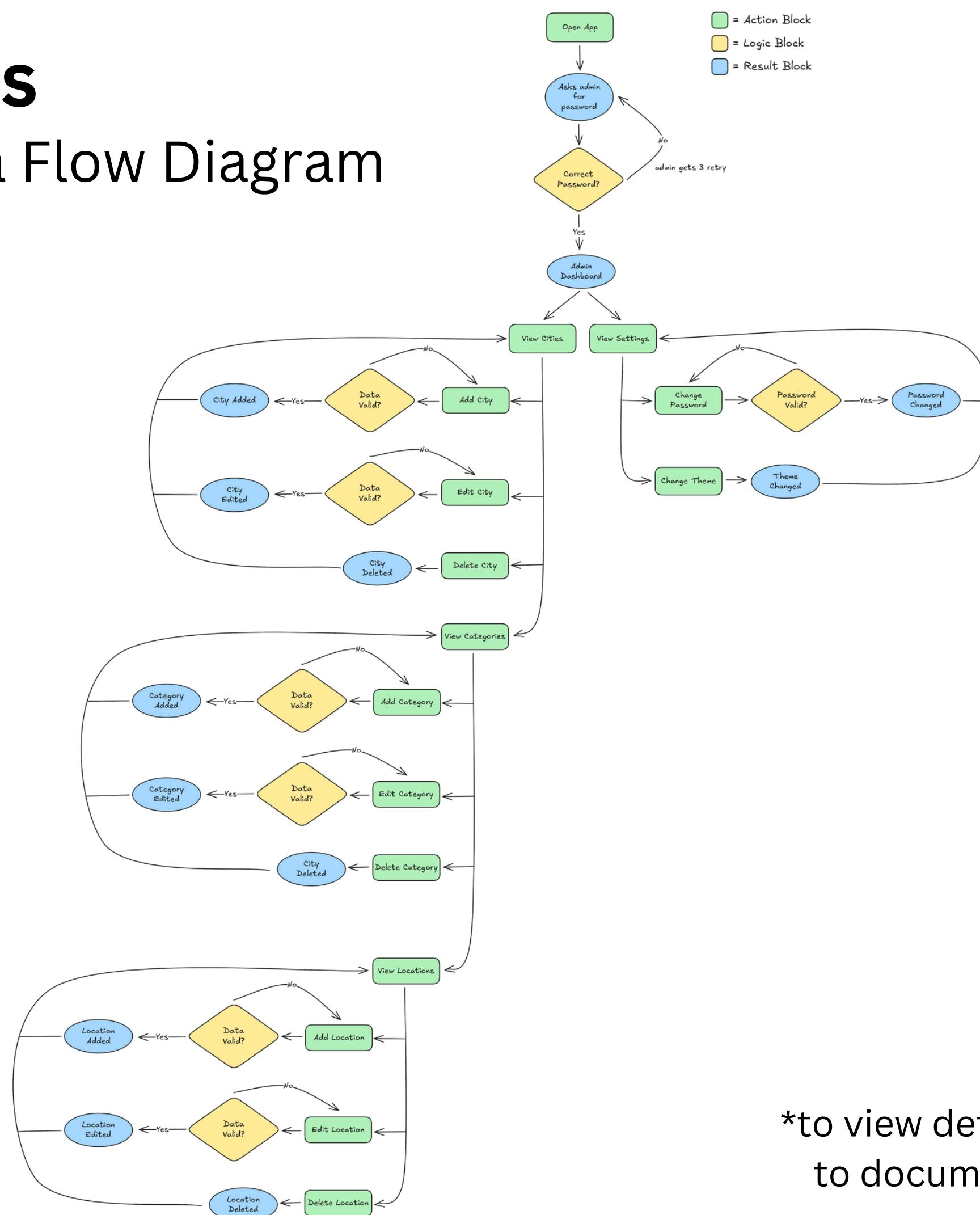
 = Action Block
 = Logic Block
 = Result Block



*to view detailed diagram go to documentation folder

Diagrams

Admin Data Flow Diagram



*to view detailed diagram go to documentation folder

Firestore Screenshots

1

The screenshot shows the Google Firestore console interface. The left sidebar lists collections: '(default)', 'admin', 'cities' (selected), and 'users'. The main area shows the 'cities' collection with documents: '8VBge9VJcTH3R2vyatpL' (selected), 'DkBXIA2Iw7XVYItGnWNw', 'KaTsck95zq3UXE1Vp9zf', 'QnXqi6h3Al1YEr0I90ix', 'rJn9CSGlsQk8W8RcvenZ', and 'zbexjZoKeZGofNAxzaII'. The document '8VBge9VJcTH3R2vyatpL' has a sub-collection 'categories' and a field 'name' with the value 'Islamabad'.

Document ID	Category	Value
8VBge9VJcTH3R2vyatpL	categories	
8VBge9VJcTH3R2vyatpL	name	"Islamabad"

Firestore Screenshots

2

The screenshot shows the Google Firestore console interface. The left sidebar has a tree view with nodes: cities > 8VBge9VJcTH3... > categories > 9mhb1lyZVK6o... . The main area displays three collections:

- cities**: Contains a document named "8VBge9VJcTH3R2vyatpL". It has a field "categories" with a value of "Islamabad".
- categories**: Contains a document named "9mhb1lyZVK6oafnK6tQg". It has two fields: "name" with a value of "Attractions" and "locations" with a value of "PRkofYbWJAedx7pF6PDF".
- locations**: Contains documents with IDs "ipPVkqEYJ48p0JitPV9V" and "9mhb1lyZVK6oafnK6tQg".

At the top right, there is a "More in Google Cloud" button.

Firestore Screenshots

3

The screenshot shows the Google Cloud Firestore interface. The path in the top navigation bar is: Home > ... > categories > 9mhb1lyZVK6oafnK6tQg > locations > DklXbymc9UQw..

The main view displays a document named "locations" with the following fields:

- + Start collection
- locations >
- + Add field
- name: "Attractions"

Under the "locations" collection, there is a single document named "DklXbymc9UQw8TvyfUlU". This document contains the following fields:

- + Add document
- DklXbymc9UQw8TvyfUlU >
- JmEN1cEQ6jwcWANaUgud
- WhL4WHkKyDUHHo6cTCXU
- ionVxCer5kplZ6NE6GQ3
- mCEnw4sfGjSIZ20L2q47
- zgLFLRaGIbPpUCQmF78e

The document "DklXbymc9UQw8TvyfUlU" has the following data:

- + Start collection
- reviews
- + Add field
- address: "Shah Faisal Ave, E-8, Islamabad, Islamabad Capital Territory 44000, Pakistan"
- description: "Established in 1987, this iconic contemporary mosque is designed to resemble a Bedouin tent."
- geopoint: [33.72977739802942° N, 73.03750668407821° E]
- imageUrl: "https://res.cloudinary.com/dxbudpkpl/image/upload/v1736150706/glkmhvj8ofestd20xsfo.jpg"
- name: "faisal mosque islamabad"
- rating: 5

Firestore Screenshots

4

The screenshot shows the Google Cloud Firestore console interface. The path in the top navigation bar is: Home > ... > locations > DklXbymc9UQw... > reviews > 503cjcVScxcQ0..

The main view displays a document in the 'reviews' collection. The document ID is 503cjcVScxcQ0VPJzowSKbL0mgy2.

The document contains the following fields:

- description: "very nice place"
- rating: 5
- title: "really good"
- username: "ahmed"

On the left side, under the 'reviews' collection, there is a list of documents with their IDs:

- DklXbymc9UQw8TvyfUlu
- 503cjcVScxcQ0VPJzowSKbL0mgy2

Below the list, there are buttons for '+ Start collection' and '+ Add field'. The '+ Add field' button is currently active, showing a list of fields with their values:

- address: "Shah Faisal Ave, E-8, Islamabad, Islamabad Capital Territory 44000, Pakistan"
- description: "Established in 1987, this iconic contemporary mosque is designed to resemble a Bedouin tent."
- geopoint: [33.72977739802942° N, 73.03750668407821° E]
- imageUrl: "https://res.cloudinary.com/dxbudpkpl/image/upload/v1736150706/glkkmhvj8ofestd20xsfo.jpg"
- name: "faisal mosque islamabad"
- rating: 5

Firestore Screenshots

5

The screenshot shows the Google Cloud Firestore interface. The left sidebar lists collections: '(default)', 'cities', and 'users'. The main area shows a document named 'admin' under the 'admin' collection. The document contains fields: 'masterPassword' with the value '0d37fe431ec8863c279bc5ea16808027e84f778' and 'password' with the value 'a665a45920422f9d417e4867efdc4fb8a04a1f3fff1fa07e'. There are also buttons to '+ Start collection' and '+ Add document'.

Firestore Screenshots

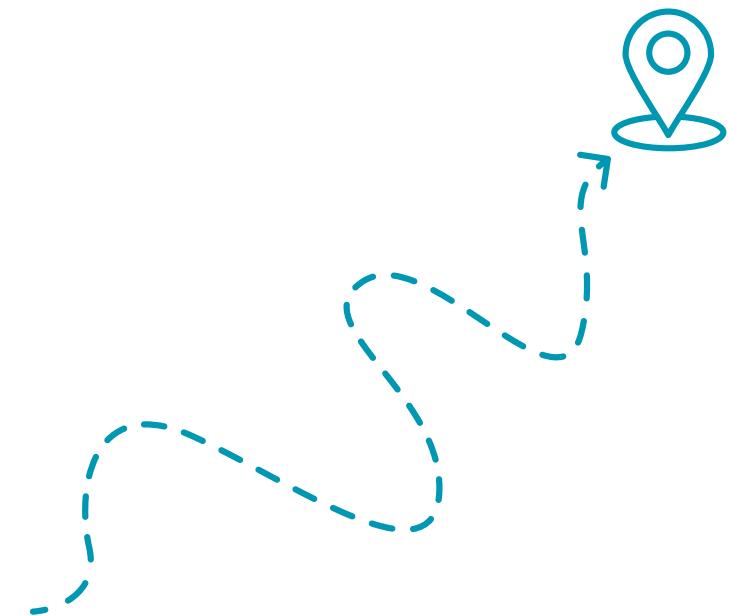
6

The screenshot shows the Google Cloud Firestore console interface. The left sidebar lists collections: (default), admin, cities, and users (selected). The main area shows the 'users' collection with a document ID '503cjcVSxcQ0VPJzowSKbLOmgy2'. This document contains fields: 'email' (set to "email@email.com") and 'favorites' (an array field containing three items: "8VBge9VJcTH3R2vyatpL-9mhb1lyZVK6oafnK6tQg-DklXbymc9UQw8TvyfUlu", "8VBge9VJcTH3R2vyatpL-PRkofYbWJAedx7pF6PDF-2790RilOMadVaFPIZJiy", and "DkBXI A2lw7XVYltGnWNw-B8WfO5NyQrj3doVCI4kw-SH3Dj7uwwafDzFv2pqD6"). The document also has a field 'name' set to "Ahmed".

```
graph LR; Root[Home] --> users[users]; users --> doc[503cjcVSxcQ0VPJzowSKbLOmgy2]; doc --> email[email: "email@email.com"]; doc --> favorites[favorites]; doc --> name[name: "Ahmed"];
```

User App Features

- User Authentication
- Dynamic Search
- Map View
- Google Maps Integration
- Category Filters
- Reviews System
- Favorites
- Light & Dark Theme Support
- Internet Connection Checking
- Full Android Support
- Friendly User Interface



Drop Page

This is the first drop page.
it will only show the first time
you launch the app.

Welcome to CitiGuide

Your travel companion

[Continue >](#)

Second Drop Page

This is the second drop page.
it prompts the user to select
their city.

Confirm your City

[Continue >](#)

Discover Page

this page shows all the categories and their locations base on the users selected city.

CitiGuide

Attractions in Islamabad



Faisal Mosque Islamabad

Daman-e-koh Park

Saidpur Vil...

Restaurants in Islamabad

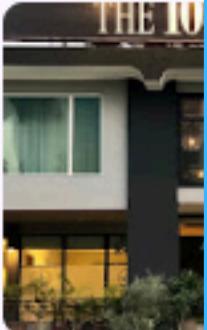


El Momento Islamabad

La Terrazza

The Carniv...

Hotels in Islamabad



Royal Service Apartment...

Islamabad Regalia Hotel

The 108 Hotel...

...

Discover

Search

Options

Location Detail View

this page shows the details for the location.

it has action buttons like favorite, map, directions and review. with a map preview.

← Faisal Mosque Islamabad ⋮

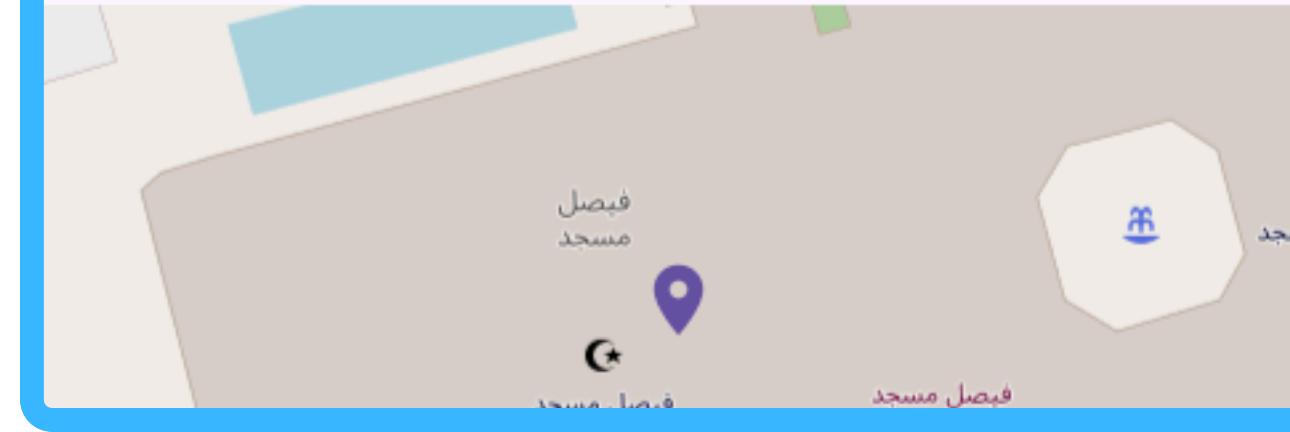


Faisal Mosque Islamabad

5.0 / 5.0 ★

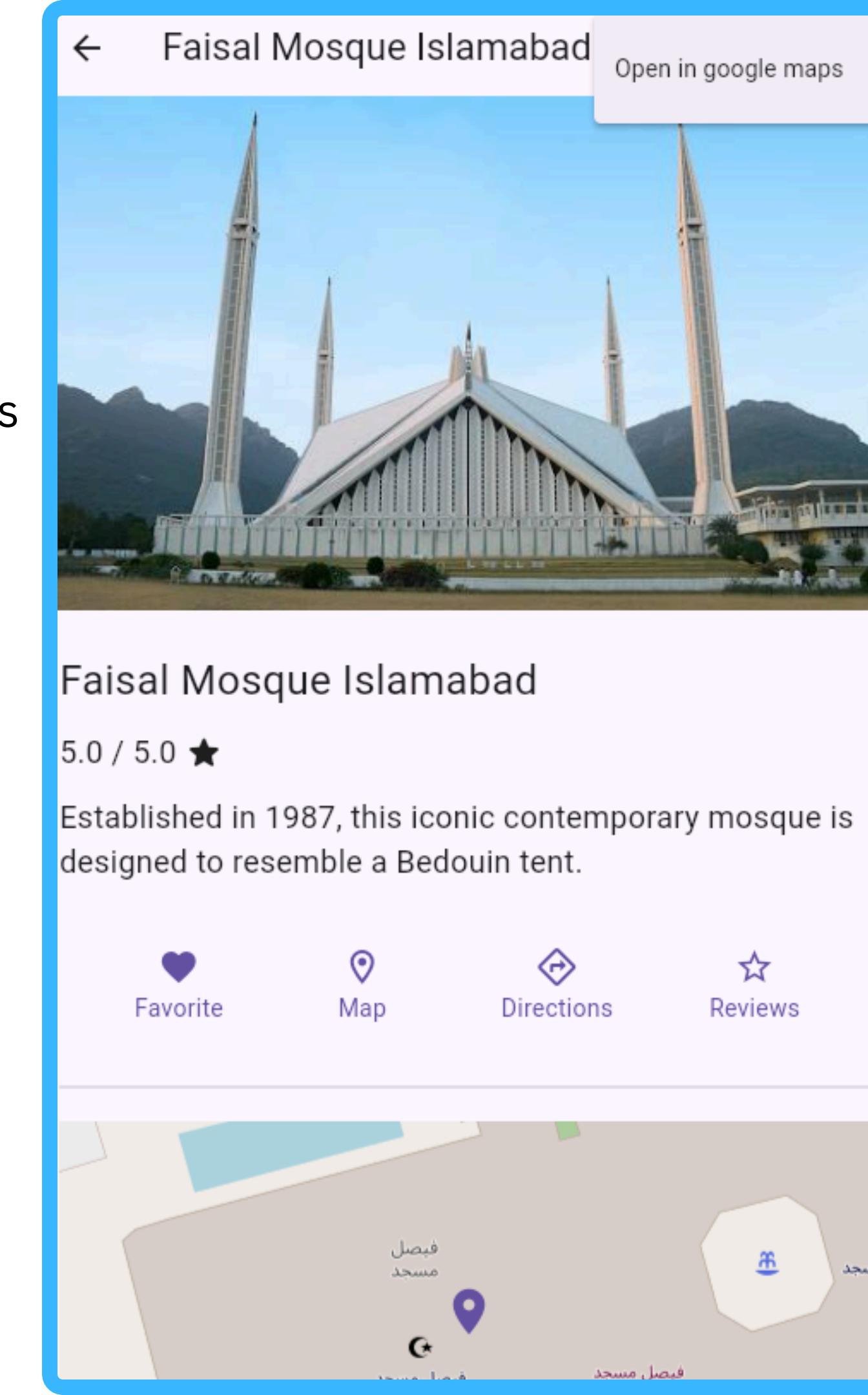
Established in 1987, this iconic contemporary mosque is designed to resemble a Bedouin tent.

 Favorite  Map  Directions  Reviews



Open Location in Google Maps

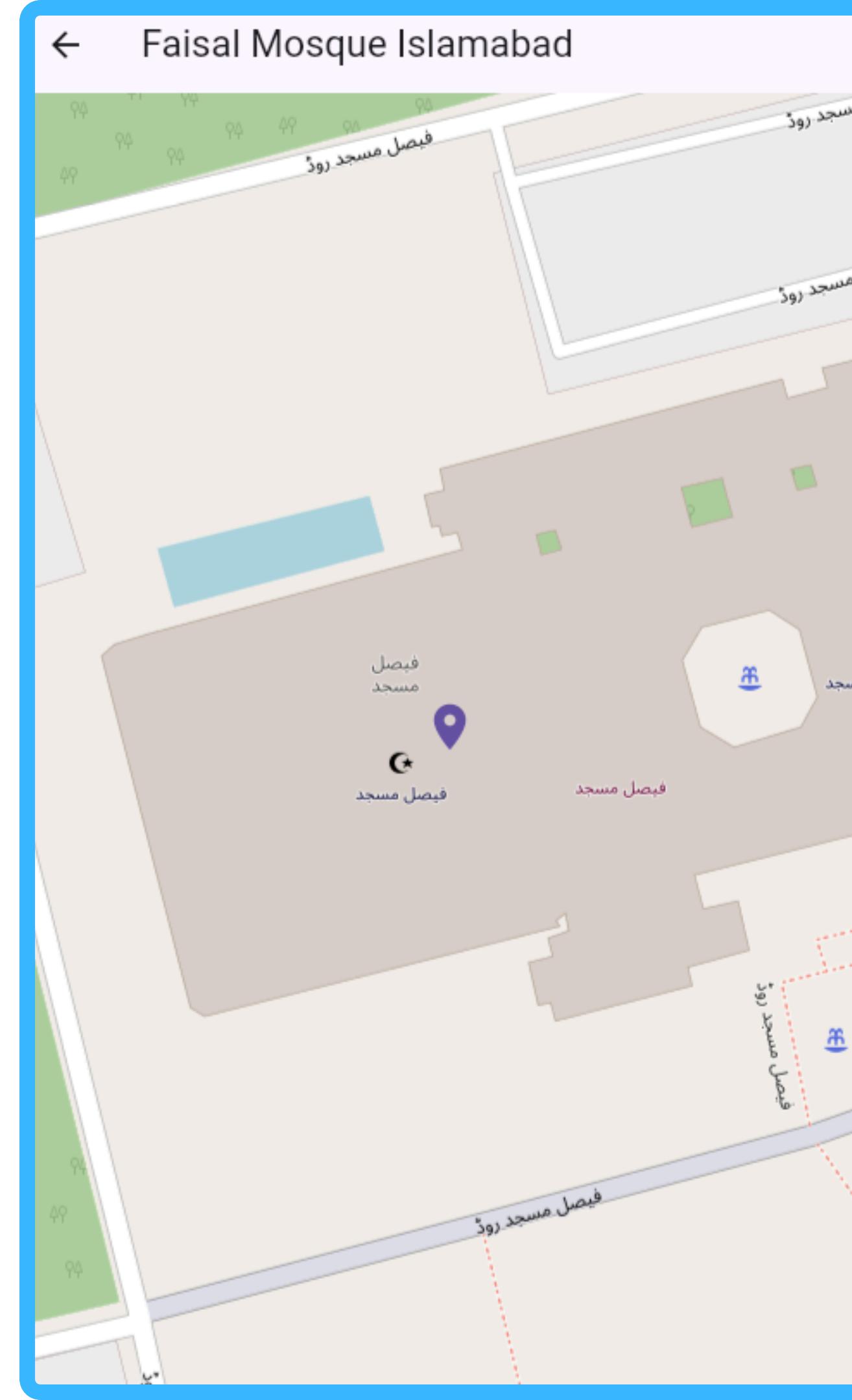
option to open location in Google Maps



click here to open
google maps

Location Map View

view location in map



Location Review Page

view location reviews

[←](#) Reviews

-  ahmed 5 / 5 ★
really good
-  Ali 5 / 5 ★
amazing weather
-  Rahim 5 / 5 ★
clean place
-  Huzaifa 5 / 5 ★
i went with my wife
-  Nathan 5 / 5 ★
popular location

[+](#)

Add Review Page

add reviews to locations you have visited.

← Add Review

Review Title

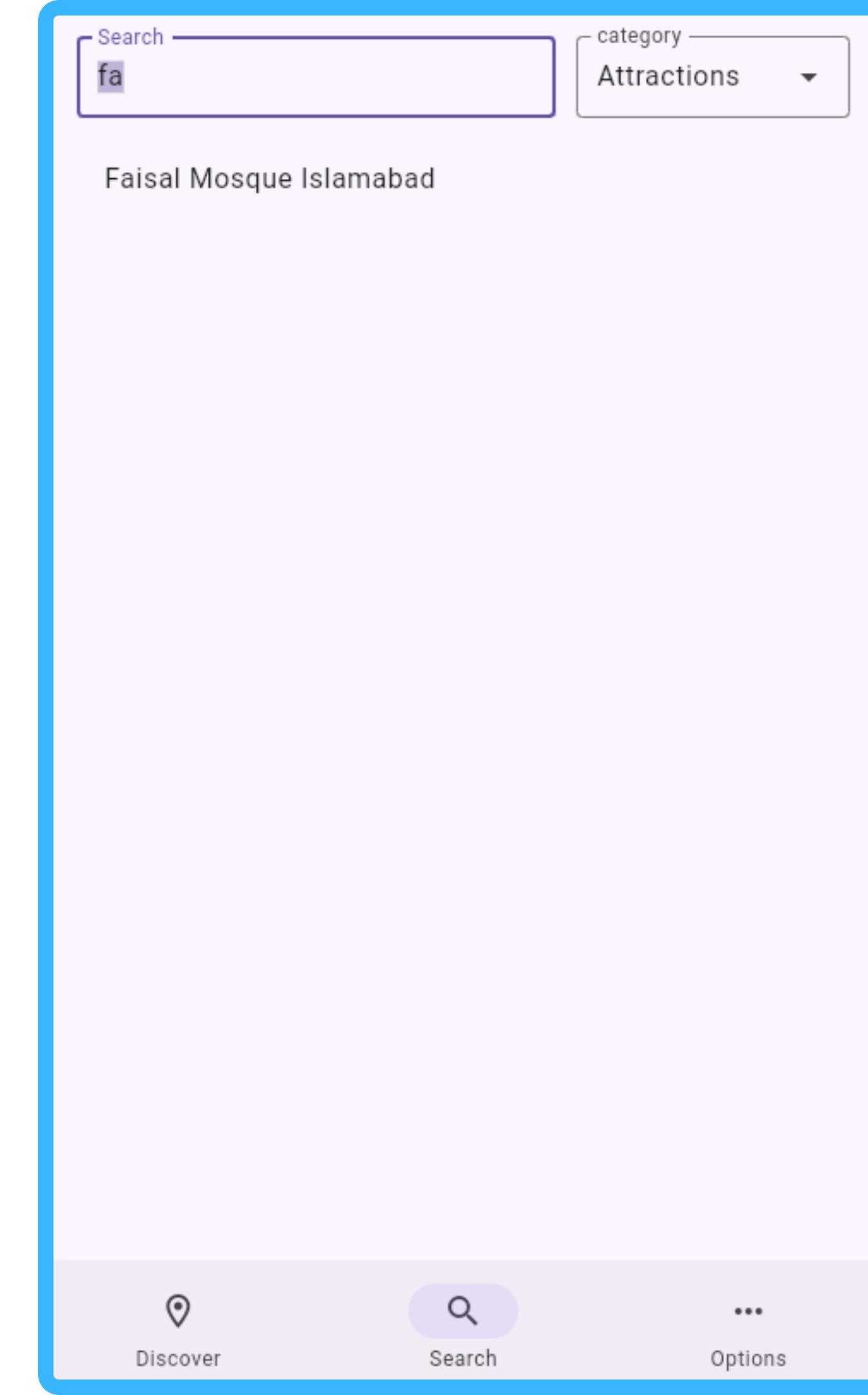
Review Description

4 / 5

Submit

Search Page

search the location you want
with category filters

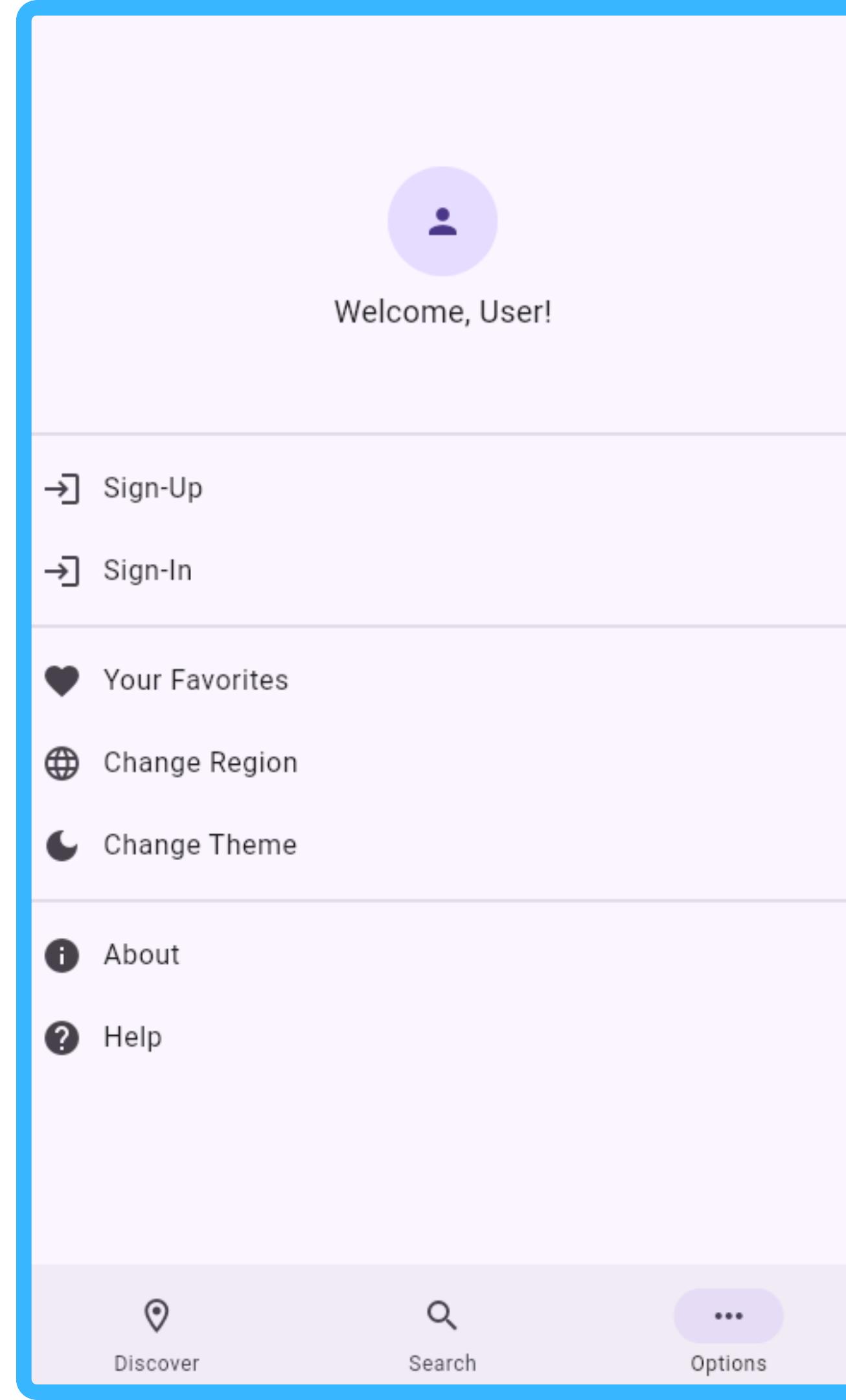


Options Page

When user not signed In

view and change options
for the app

this page shows when user is
not Signed-in



Sign-In Page

Sign-in to your account

Sign-In

Email

Password



Don't have an account? [click here!](#)

[Submit >](#)

[< Cancel](#)

Sign-Up Page

create a new account

Sign-Up

Username

Email

Password



Already have an account? [click here!](#)

[Submit >](#)

[< Cancel](#)

Favorites Page

No Favorites

when there are no favorites
saved this page will show



You haven't favorited any locations yet.

Favorites Page

Fill With Favorites

when there are favorites
saved this page will show

← Your Favorites



Faisal Mosque Islamabad
City: Islamabad



El Momento Islamabad
City: Islamabad



Hotel Al Harran Tower
City: Karachi

Change Region Page

you can change your city
from here, through the options page

← Change Region

Confirm your City

City

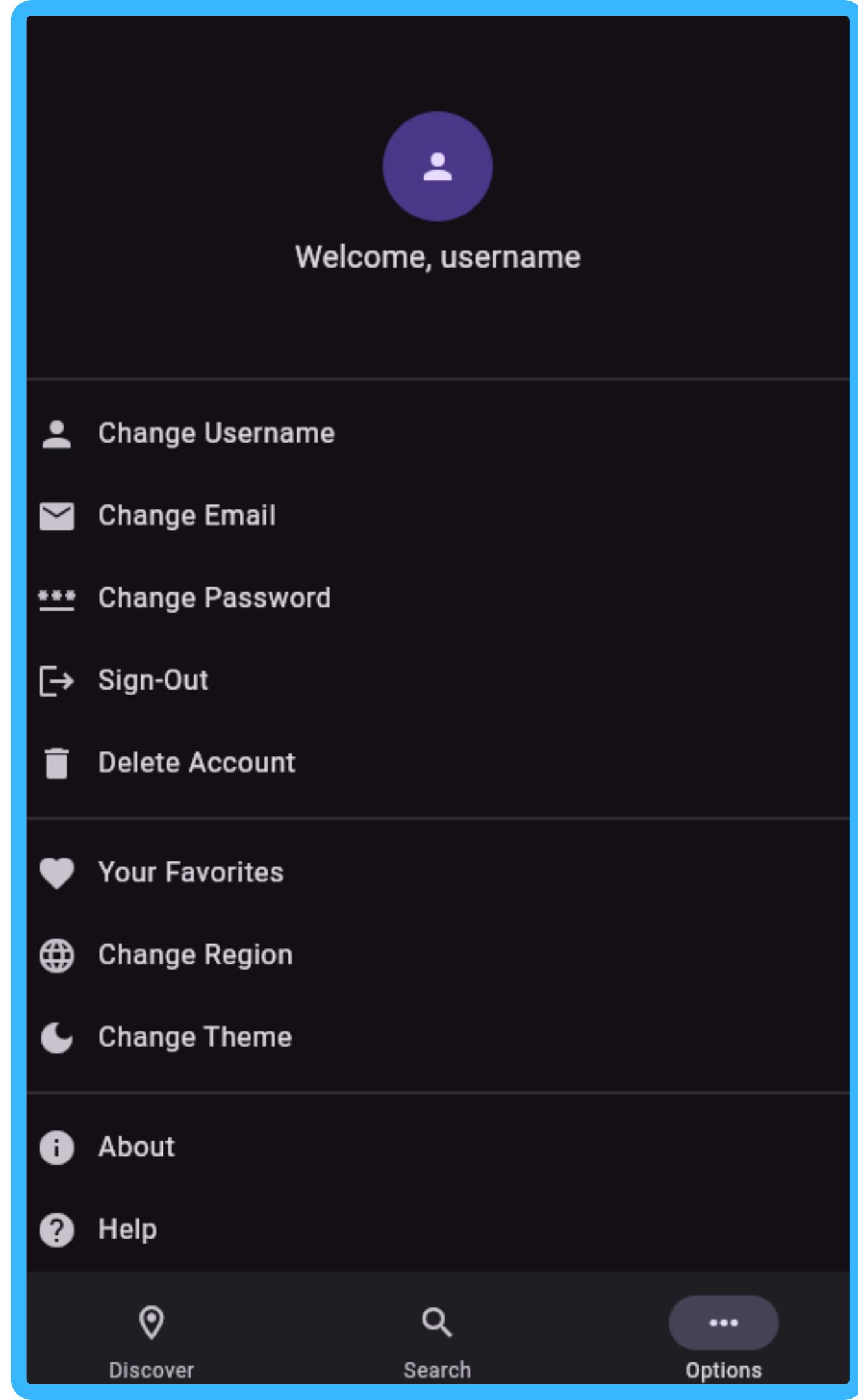
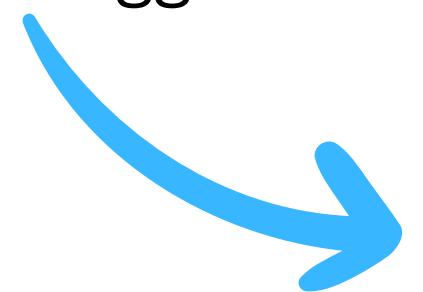
Islamabad ▾

Continue >

Dark Theme

Toggle light and dark theme

Theme Toggle



About Page

read information about CitiGuide

← About

CitiGuide

The City Guide mobile app is a digital platform that provides residents and tourists with information and recommendations for exploring a city, including attractions, restaurants, events, and accommodations. It's designed to be a user-friendly, all-in-one solution that enhances city exploration through mobile technology.

Help Page

Get help through email or phone

← Help

For help please contact us through email or cell.

✉ support@citiguide.com

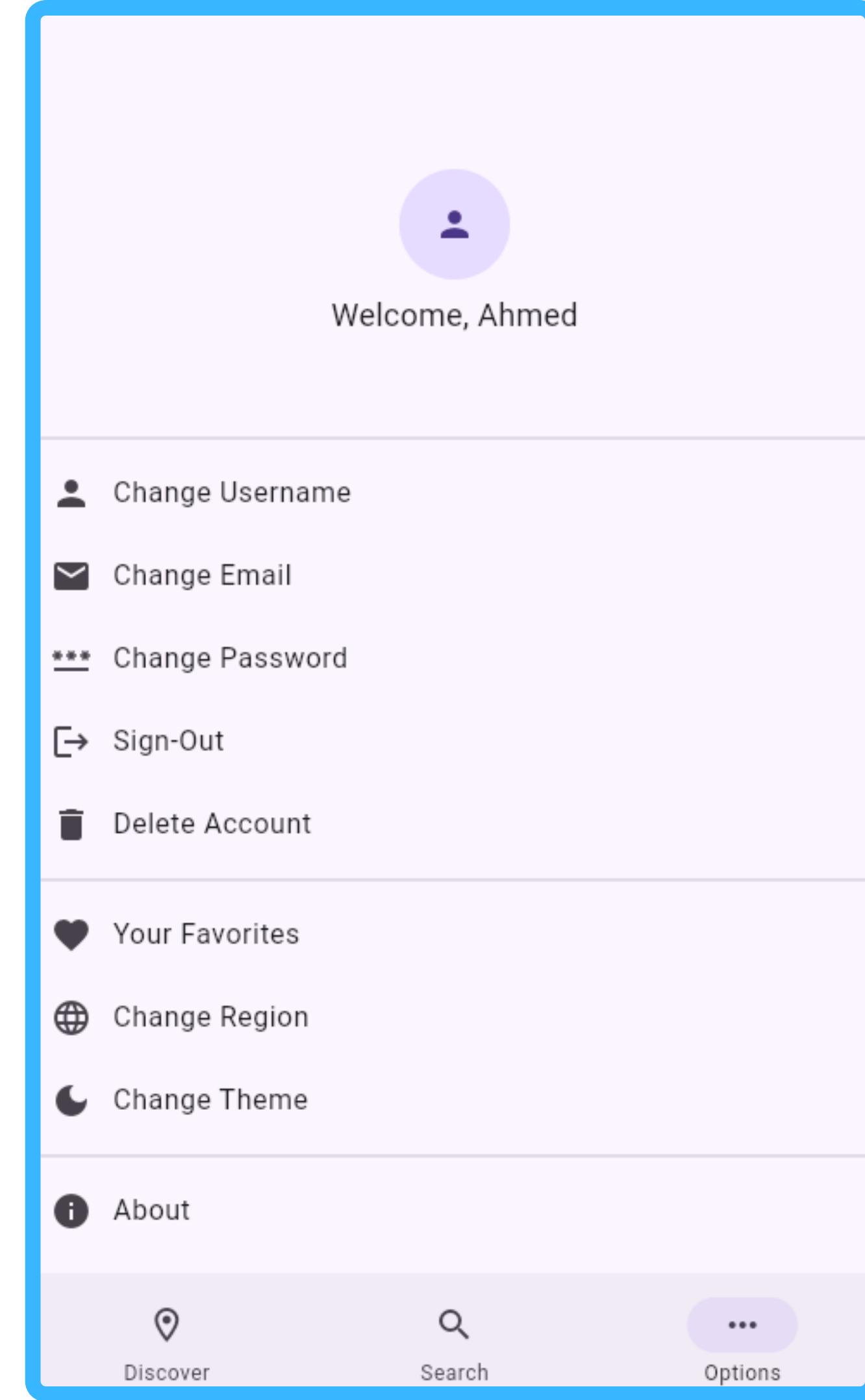
📞 +92-300-1234567

Options Page

User Signed In

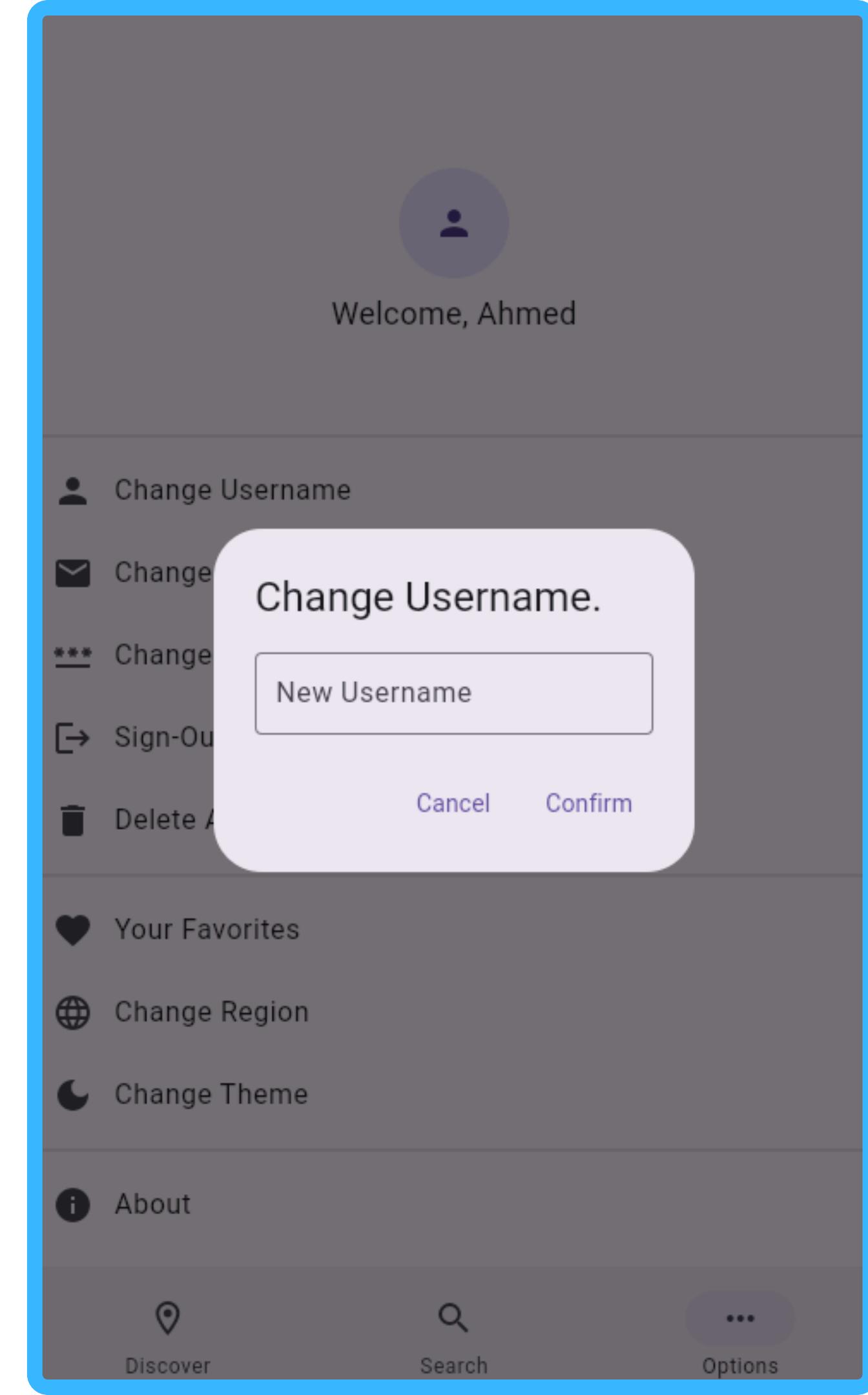
view and change options
for the app

this page shows when user
is Signed-in



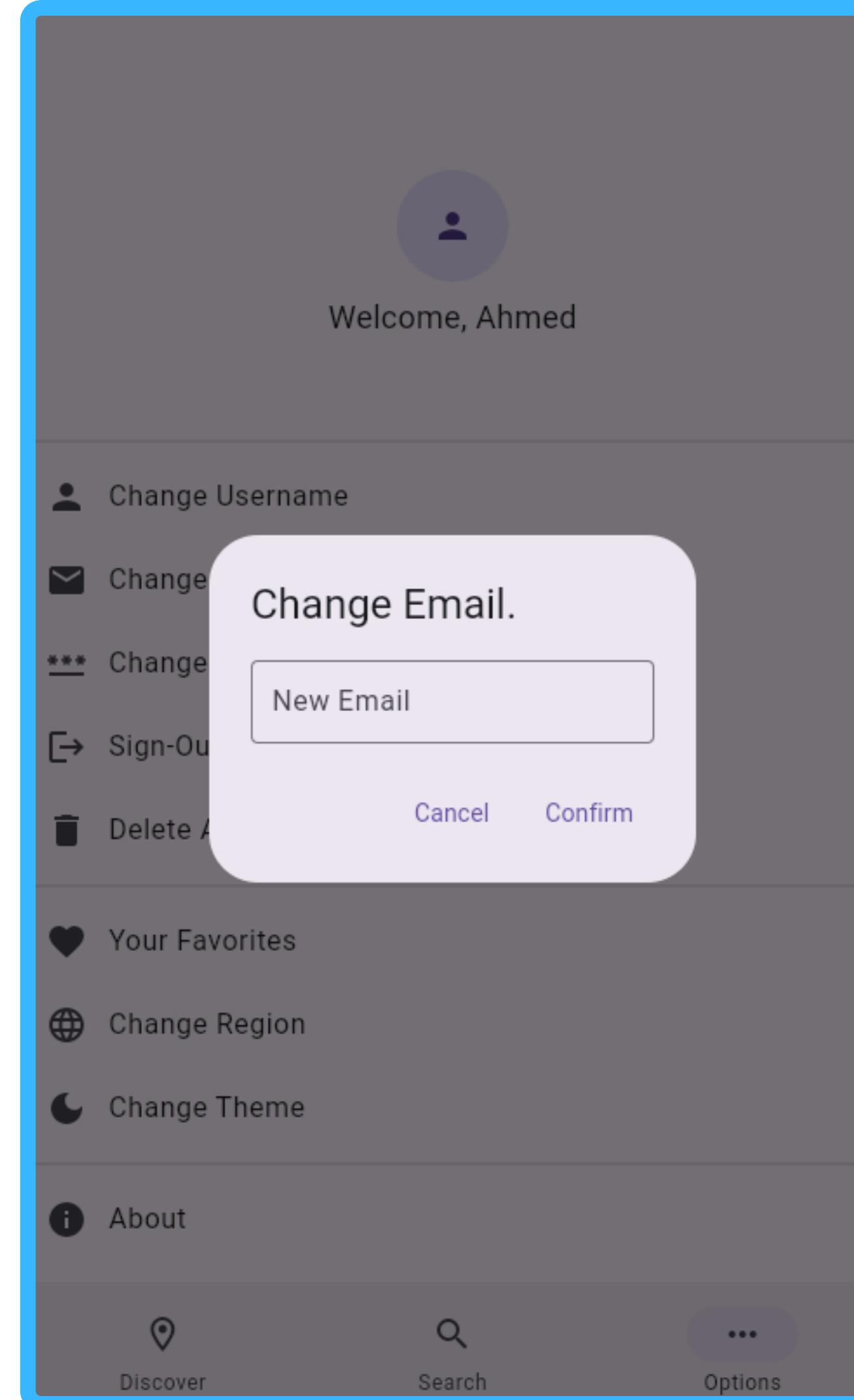
Change Username

change your username



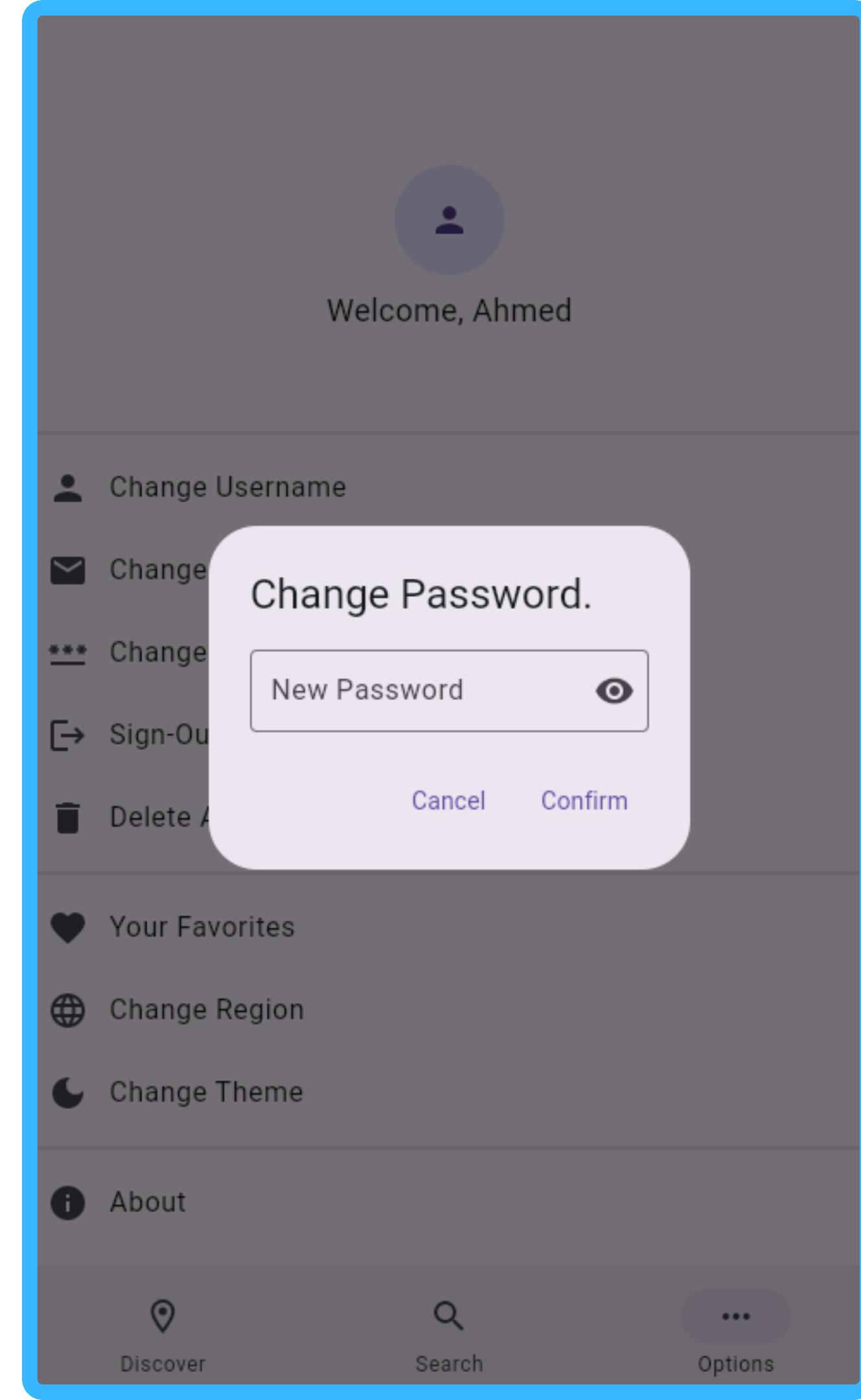
Change Email

change your email



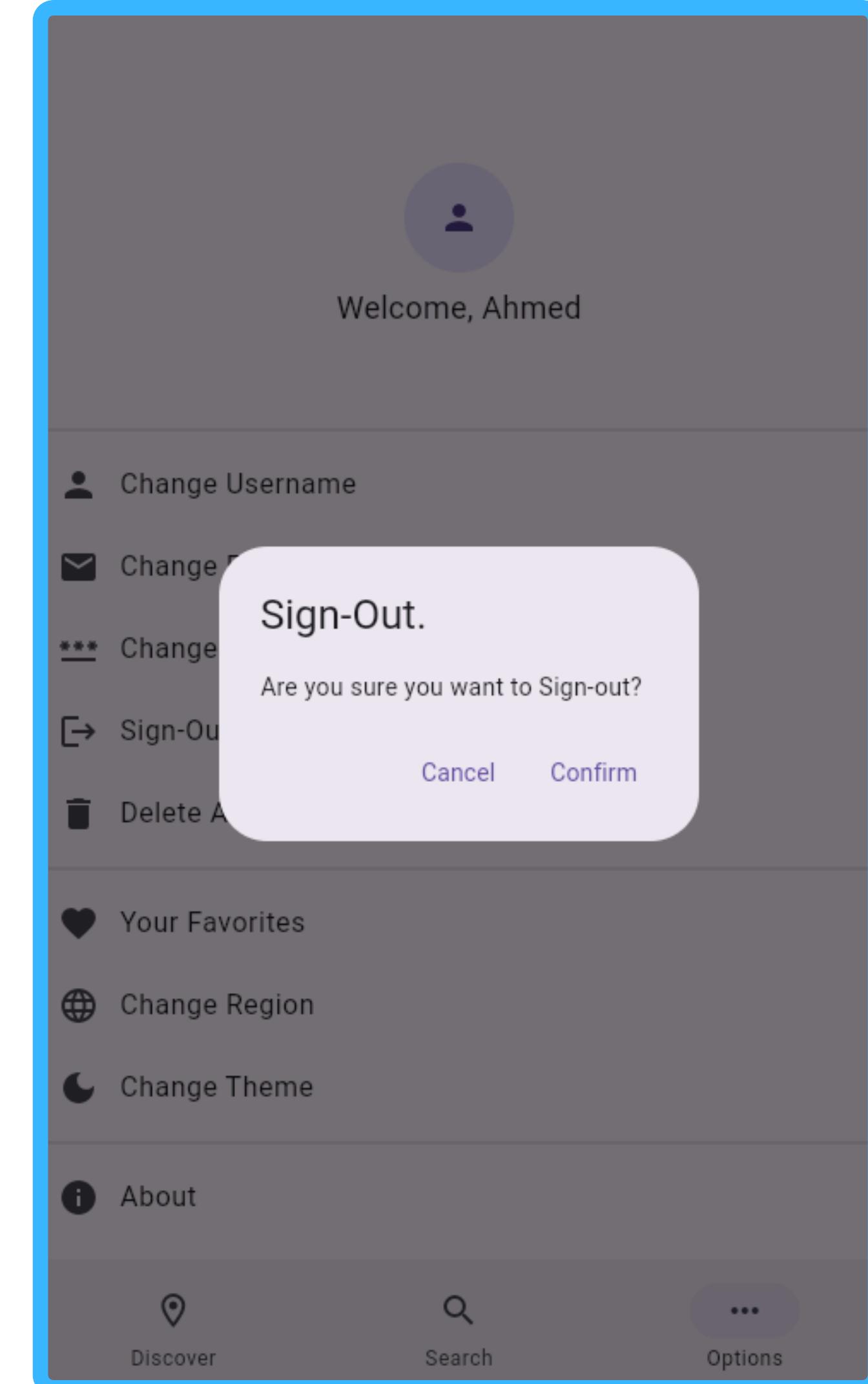
Change Password

change your password



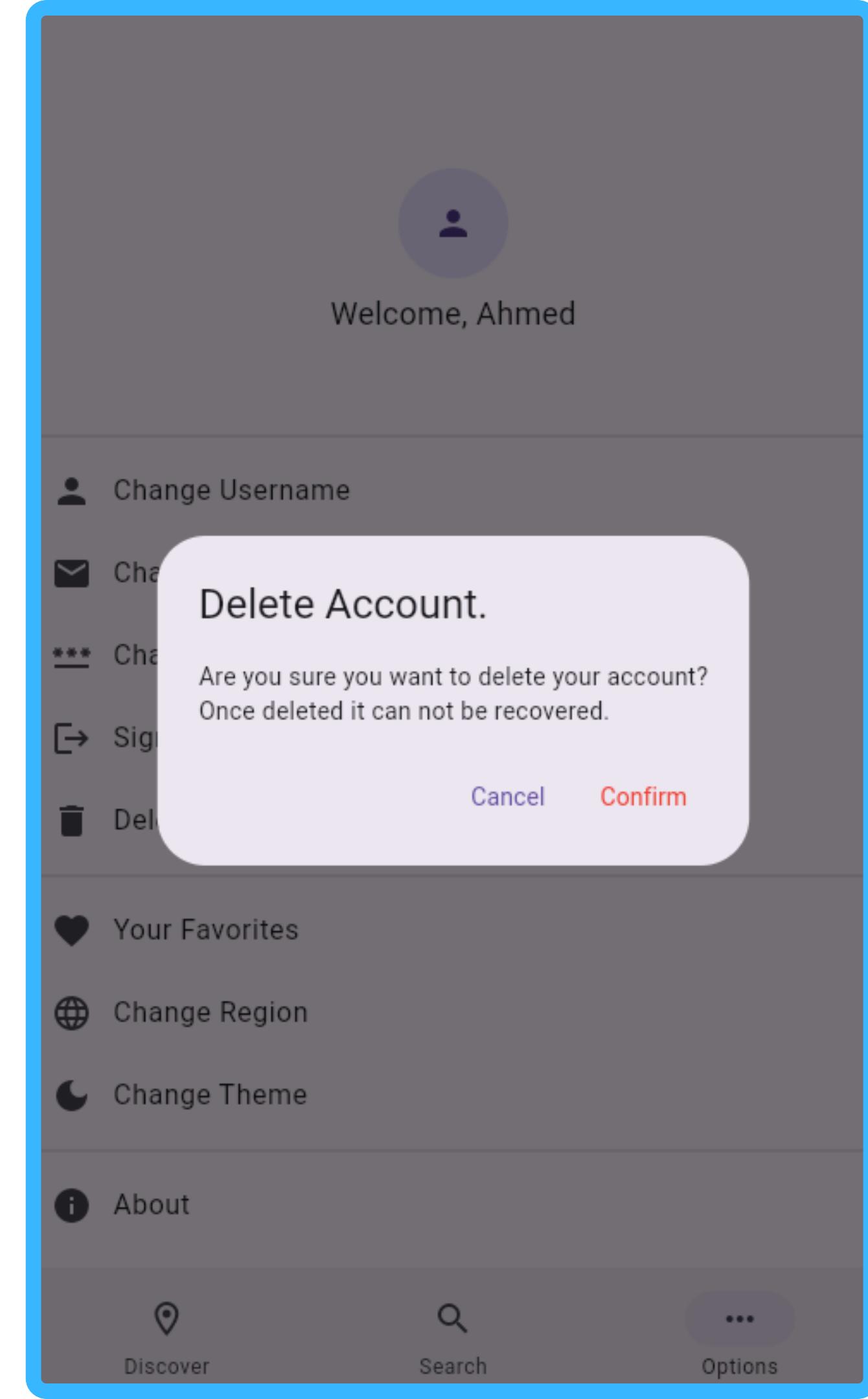
Sign-Out

sign-out of your account



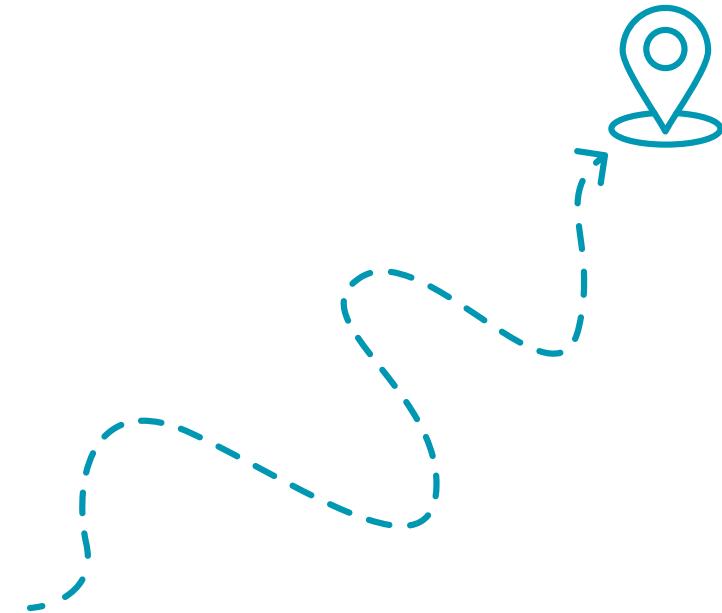
Delete Account

delete your account



Admin Panel Features

- Password Protection
- Password Encryption
- Full CRUD Operations
- Image Upload
- Map View
- Category Filters
- Favorites
- Light & Dark Theme Support
- Internet Connection Checking
- Full Android Support
- Friendly User Interface



Authentication page

to access the admin app
the admin has to authenticate
using the provided password

Enter Password

Password

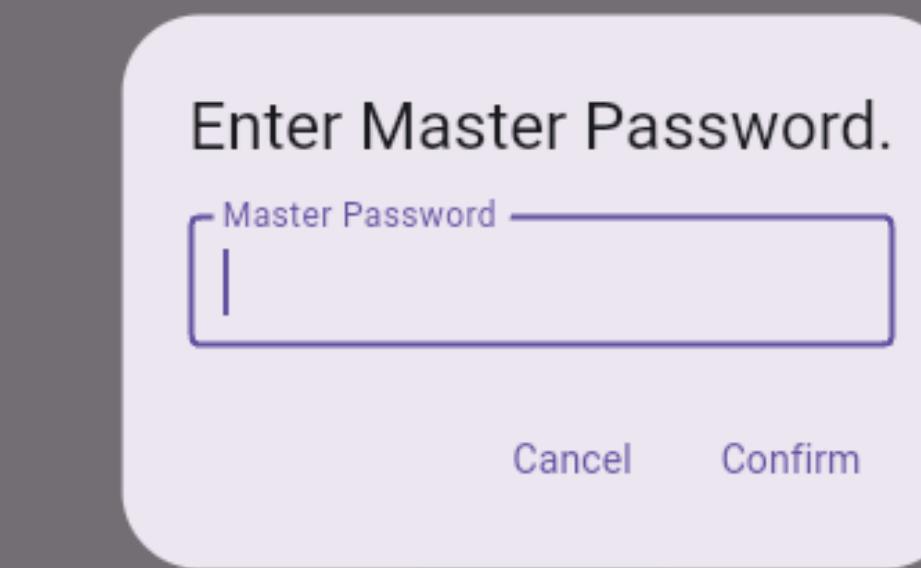
|

Use Master Password

Confirm

Drop Page

in case the admin has forgot the app access password they can use the master password



Drop Page

after the admin authenticates using the app password they are able to view the admin panel

Welcome, Admin.

Cities >

Settings >

Cities List View

admin can view the list of all cities

Cities.

Islamabad >

Karachi >

Peshawar >

Multan >

Quetta >

Lahore >

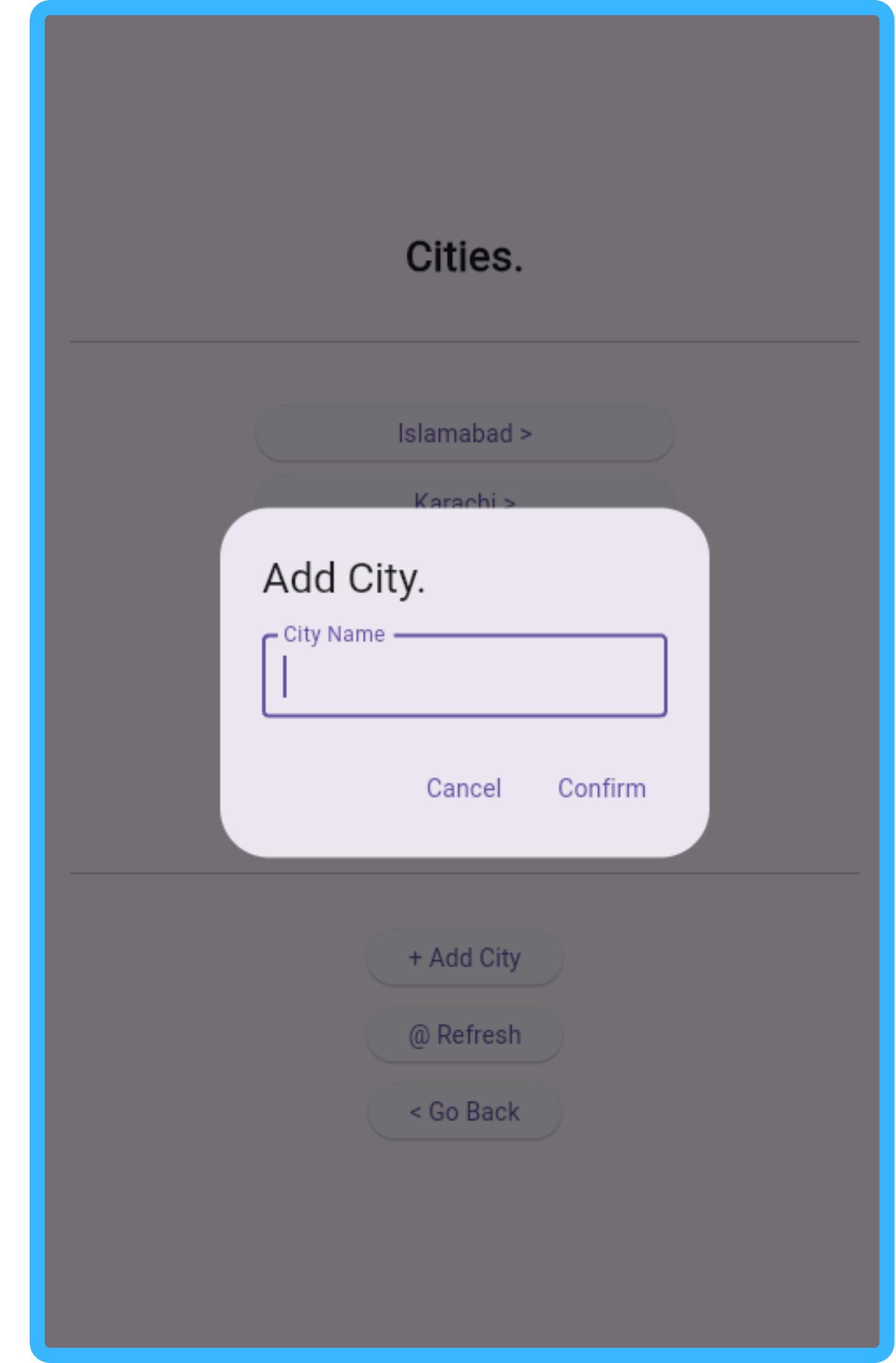
+ Add City

@ Refresh

< Go Back

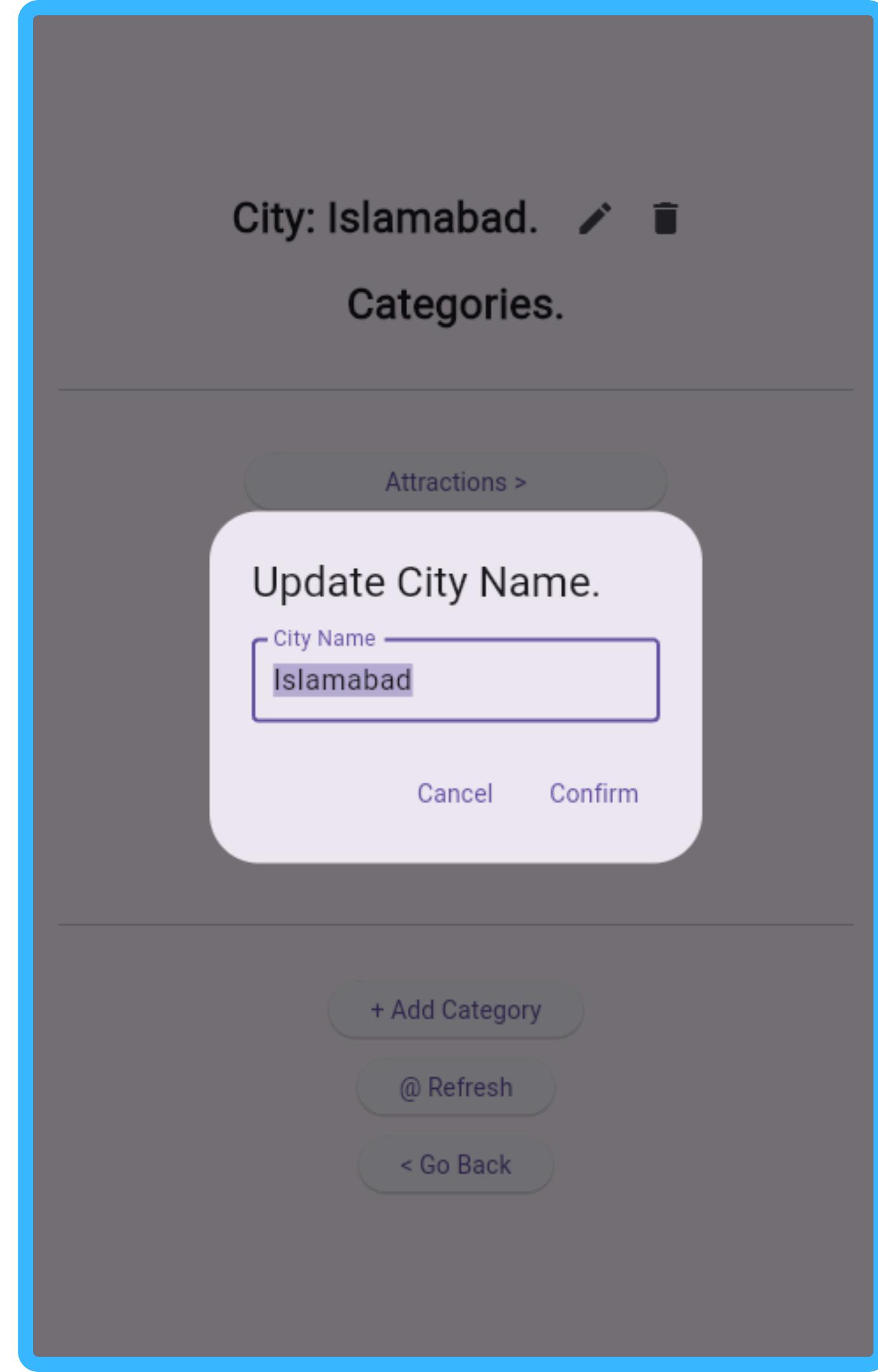
Add City

admin can add a new city



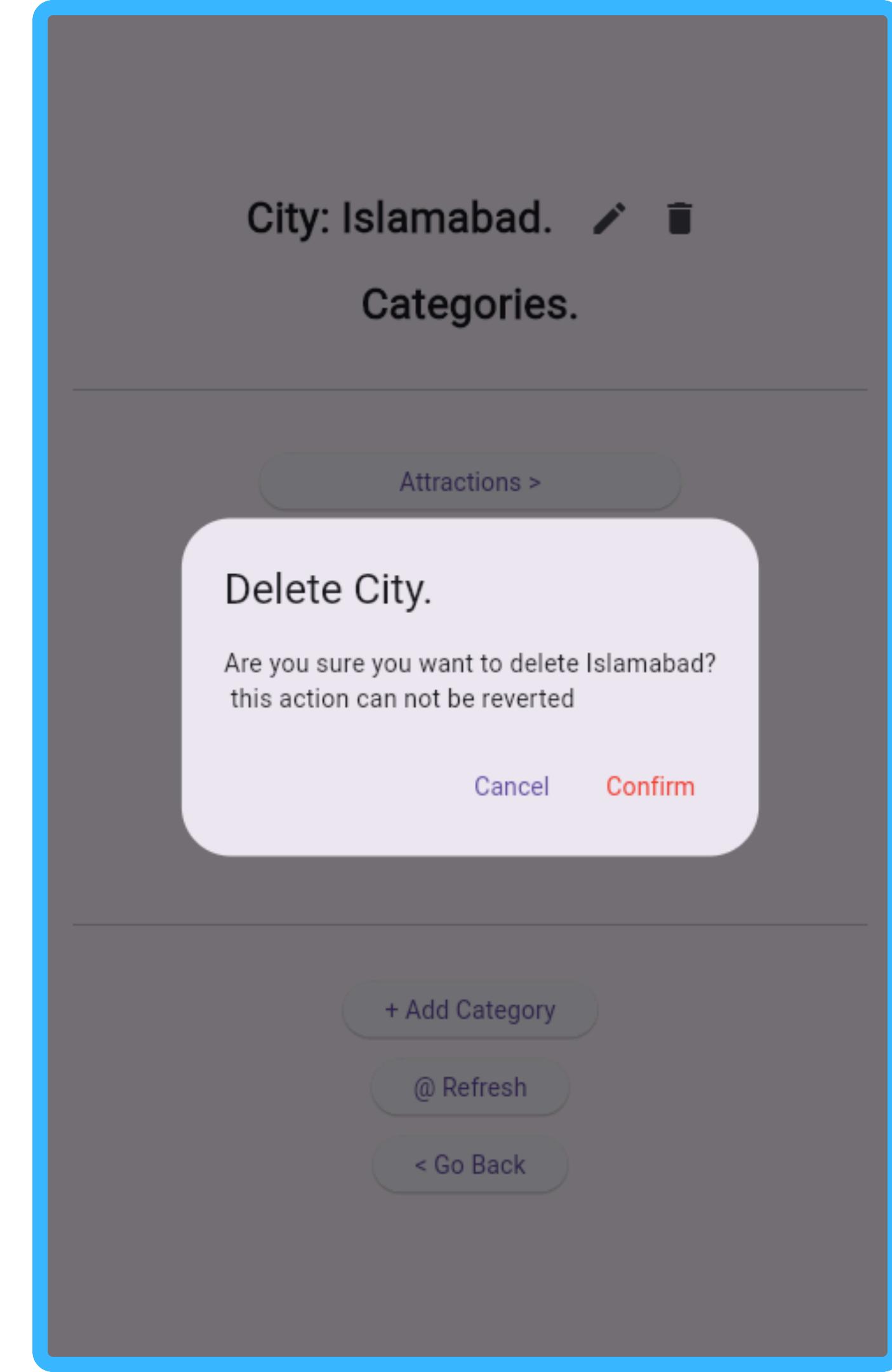
Update City

admin can update a city



Delete City

admin can delete a city



Categories List View

admin can view the list of all categories in the selected city

City: Karachi.  

Categories.

[Hotels >](#)

[Attractions >](#)

[Restaurants >](#)

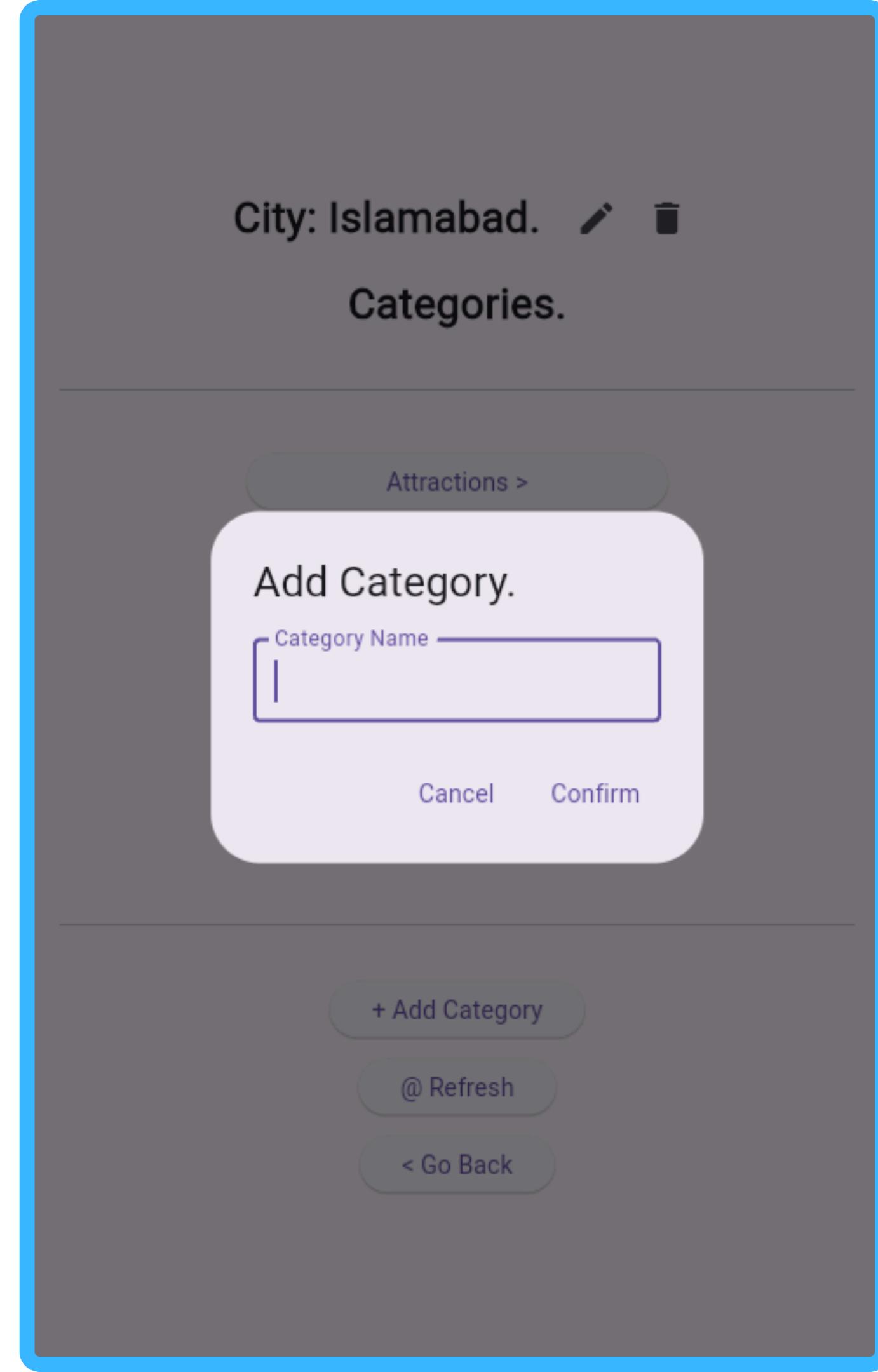
[+ Add Category](#)

[@ Refresh](#)

[< Go Back](#)

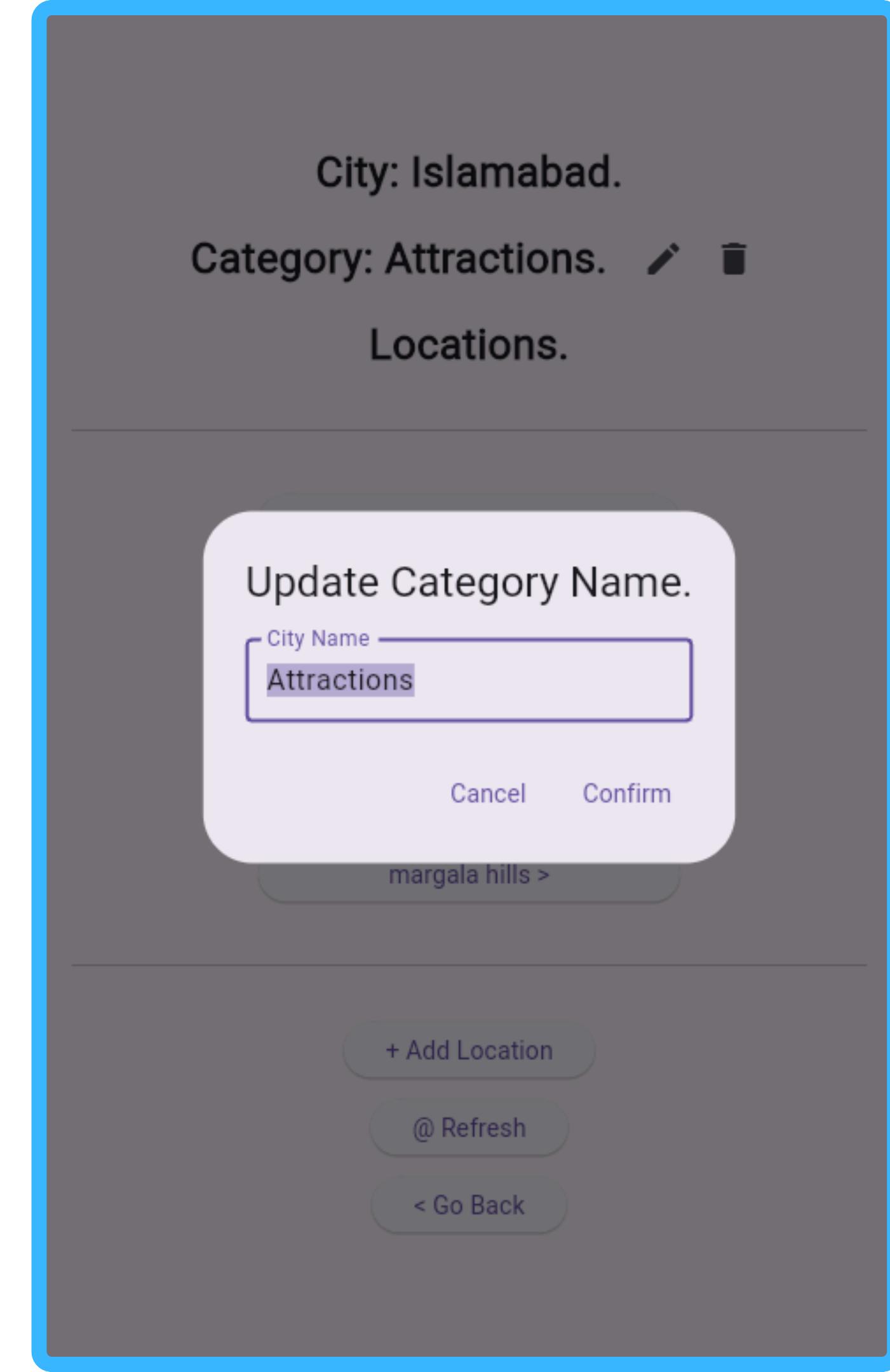
Add Category

admin can add a new category
in the selected city



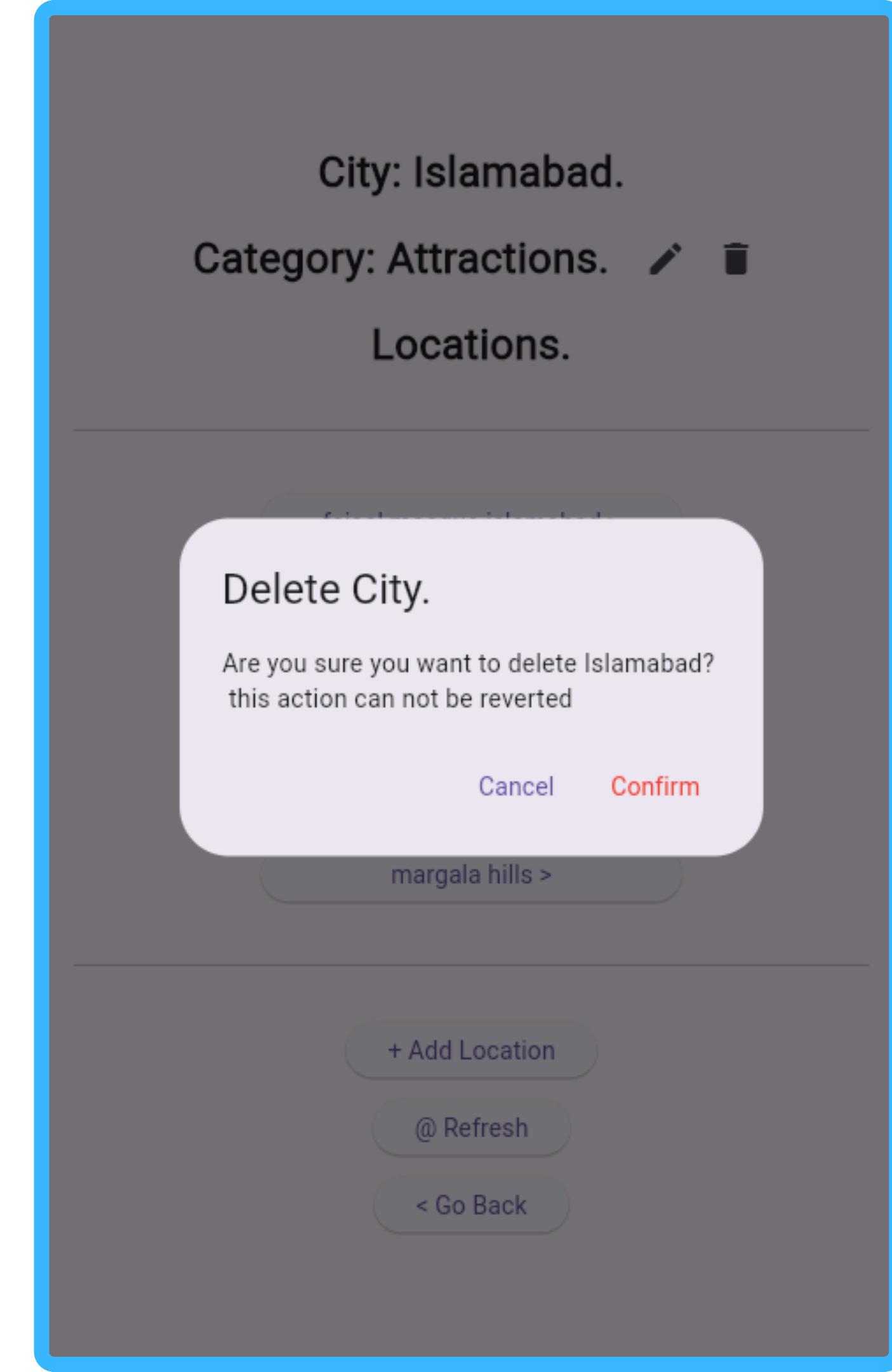
Update Category

admin can update a new category
in the selected city



Delete Category

admin can delete a new category
in the selected city



Locations List View

admin can view the list of all locations in the selected category in the selected city

City: Karachi.

Category: Attractions.  

Locations.

[Malir Cantonment >](#)

[Empress Market Karachi >](#)

[Bahria Town Karachi >](#)

[Gulshan-e-Iqbal Karachi >](#)

[Mazar-e-Quaid-e-Azam >](#)

[Clifton Sea-View >](#)

[+ Add Location](#)

[@ Refresh](#)

[< Go Back](#)

Location Detail View

admin can view detail of the selected location



Name:
faisal mosque islamabad

Description:
Established in 1987, this iconic contemporary mosque is designed to resemble a Bedouin tent.

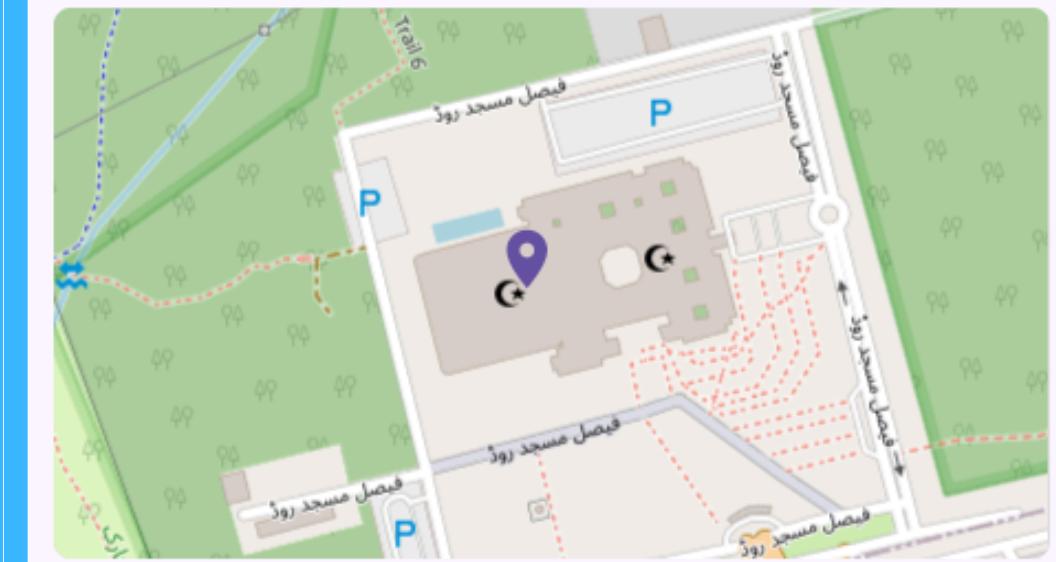
Address:
Shah Faisal Ave, E-8, Islamabad, Islamabad Capital Territory 44000, Pakistan

Latitude, Longitude:
33.72977739802942, 73.03750668407821

is designed to resemble a Bedouin tent.

Address:
Shah Faisal Ave, E-8, Islamabad, Islamabad Capital Territory 44000, Pakistan

Latitude, Longitude:
33.72977739802942, 73.03750668407821



[Edit Location](#)

[Delete Location](#)

[Go Back](#)

Location Add View

admin can add new location
in the selected category

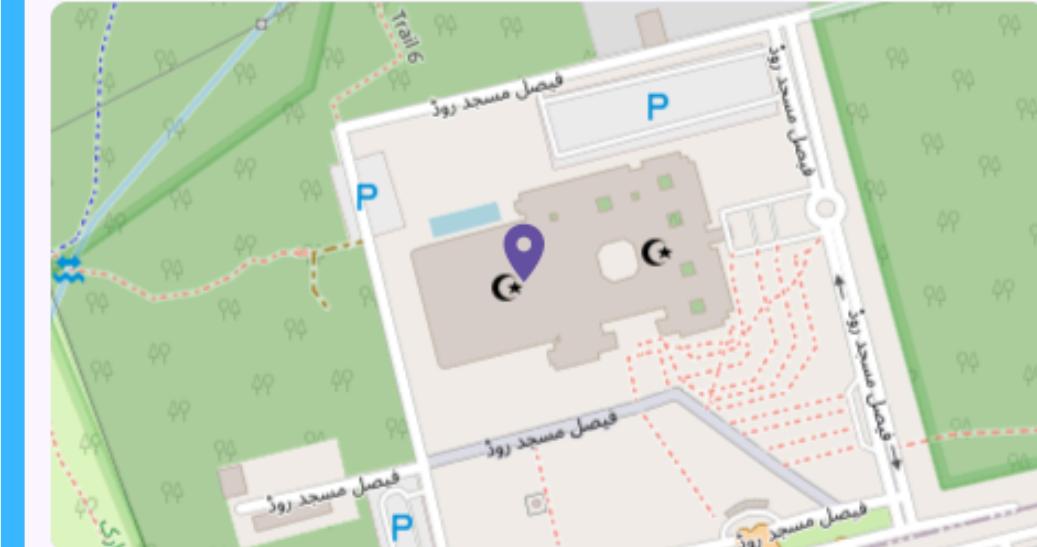


Name:
faisal mosque islamabad

Description:
Established in 1987, this iconic contemporary mosque is designed to resemble a Bedouin tent.

Address:
Shah Faisal Ave, E-8, Islamabad, Islamabad Capital Territory 44000, Pakistan

Latitude, Longitude:
33.72977739802942, 73.03750668407821



[!\[\]\(506525c223f3a3409ea348f8395766ba_img.jpg\) Edit Location](#)

[!\[\]\(ab6b4ddc97e182a75852c752e2ff7c44_img.jpg\) Delete Location](#)

[!\[\]\(fe7da0a88a3c95aa35ab83195c7ed81c_img.jpg\) < Go Back](#)

Location Update View

admin can add update location
in the selected category

City: Islamabad.

Category: Attractions.

Add Location.

 Location Image

Location Name

faisal mosque islamabad

Location Description

Established in 1987, this icor

Location Address

Shah Faisal Ave, E-8, Islamat

Location Latitude

33.72977739802942

Location Longitude

73.03750668407821

+ Submit

< Cancel

Location Delete View

admin can delete location
in the selected category

is designed to resemble a Bedouin tent.

Address:

Shah Faisal Ave, E-8, Islamabad, Islamabad Capital Territory 44000, Pakistan

Latitude, Longitude:

33.72977739802942, 73.03750668407821

Delete City.

Are you sure you want to delete Islamabad?
this action can not be reverted

Cancel

Confirm

Edit Location

Delete Location

< Go Back

Settings View

You can change theme
change password &
reset password

Settings.

[Change Theme >](#)

[Change Password >](#)

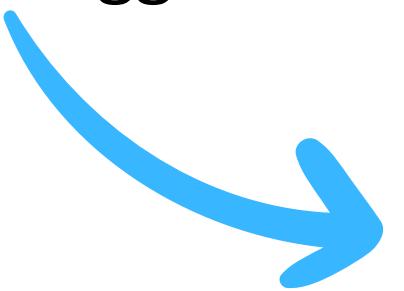
[Reset Password >](#)

[< Go Back](#)

Dark Theme

Toggle light and dark theme

Theme Toggle



Settings.

[Change Theme >](#)

[Change Password >](#)

[Reset Password >](#)

[< Go Back](#)

Update Password

update your password

Update Password

Old Password

New Password

Confirm

Cancel

Reset Password

Reset app password using
master password

Reset Password

Reset app password using
master password.

Master Password

New Password

Confirm

Cancel



User Guide, Admin Guide, Developers Guide
and Project Installation Guide
are provided in their separate files.

THANK YOU