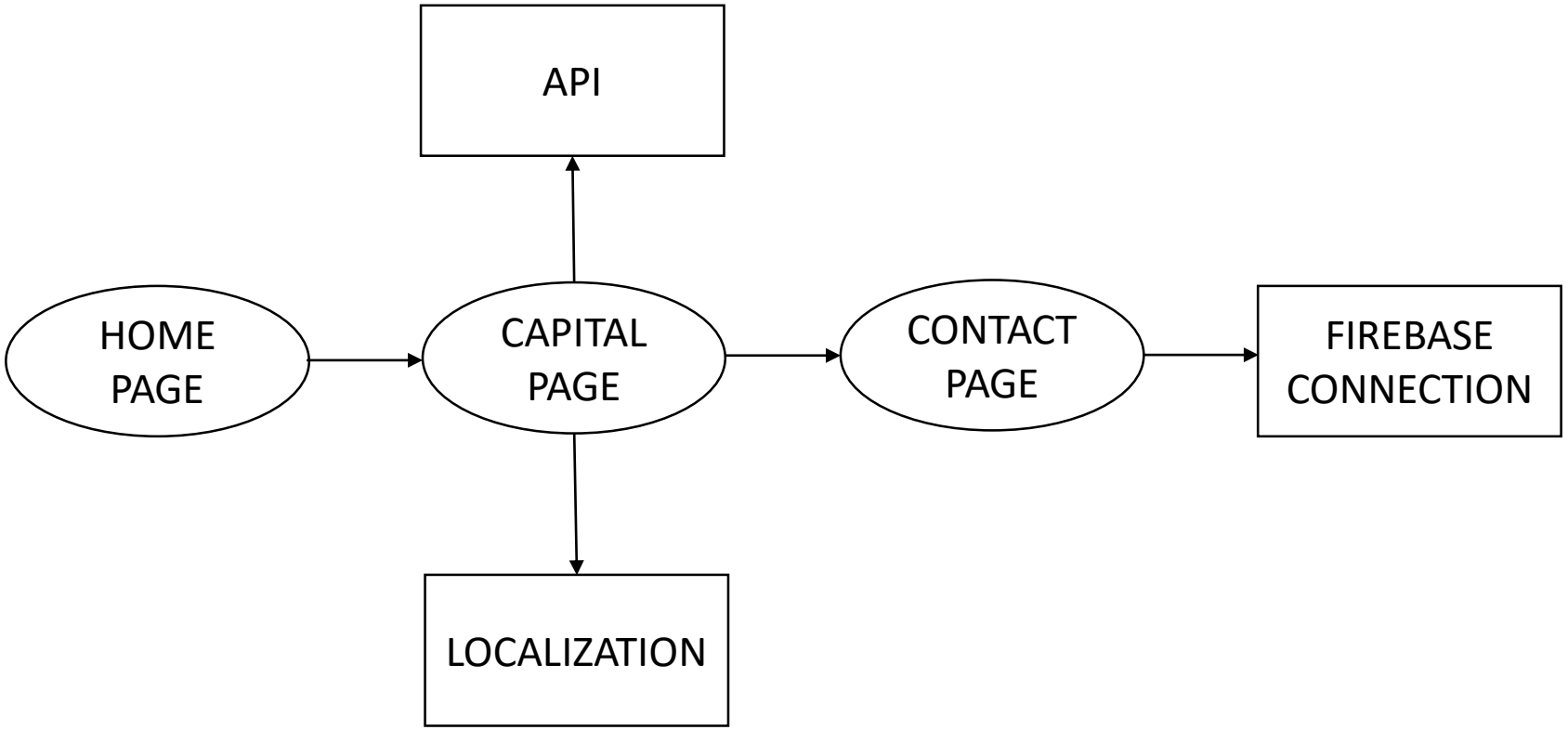
CAPITAL QUEST

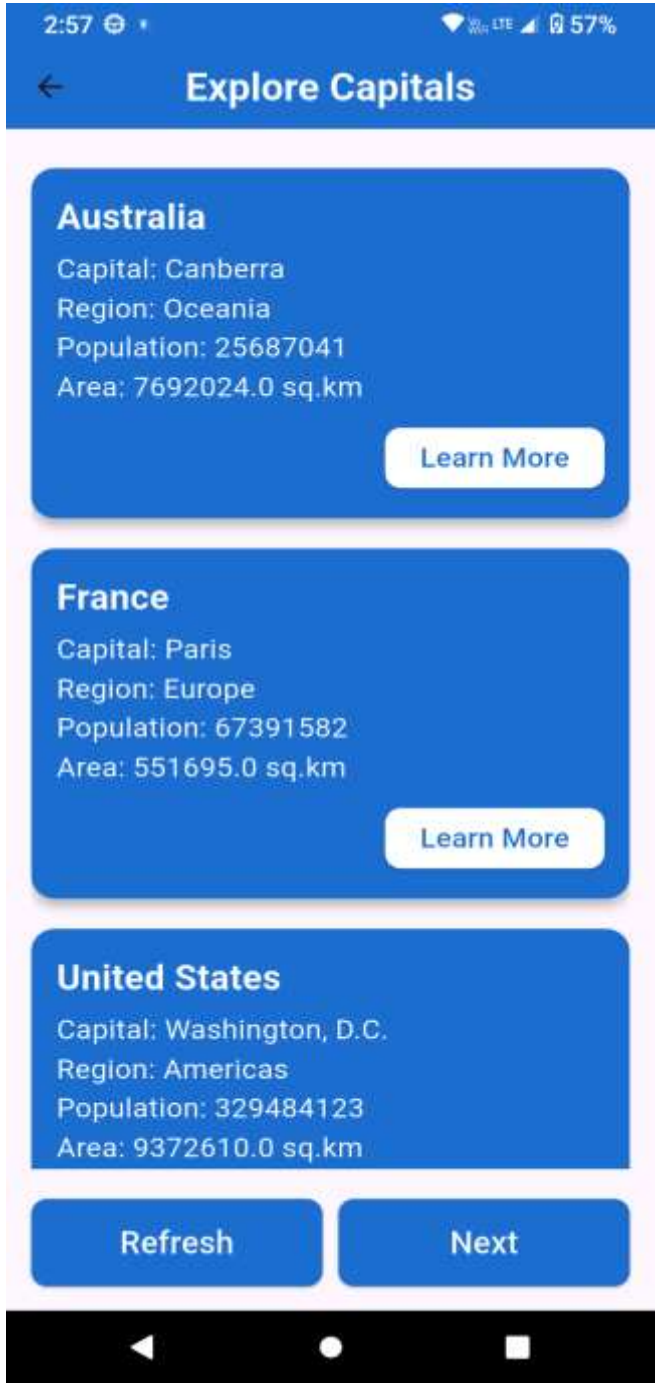
Capital Quest is an app that helps users explore different countries along with their capitals, total area, and population. The app displays this information on interactive cards, making it easy to navigate. It also includes a button that allows users to view a country's details in its own native language, providing a more immersive and localized experience.



Explore the Beating Hearts of Nations: Start Your Capital Quest

Dive in

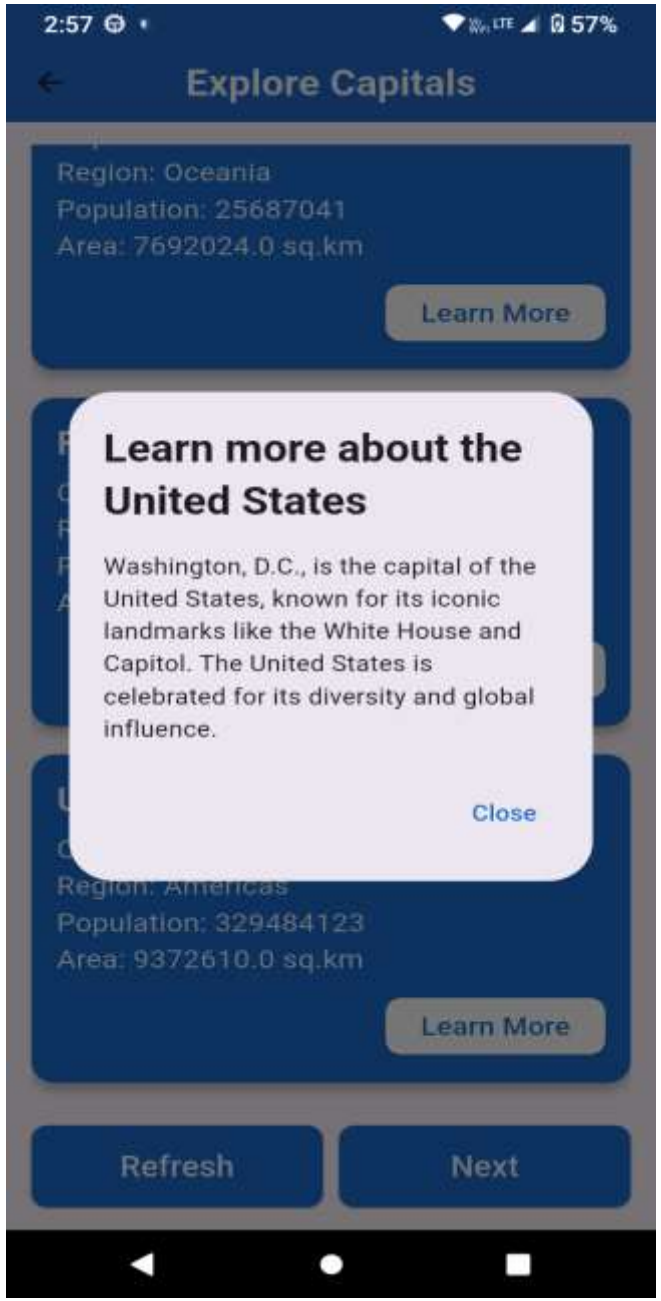
The main file is a stateless widget that navigates to the front page. This front page is also a stateful widget. Images are stored in the assets/images folder and referenced in the pubspec.yaml file. The "Dive in" button is implemented using a GestureDetector.When clicked “Dive in” button it navigates to the next page.



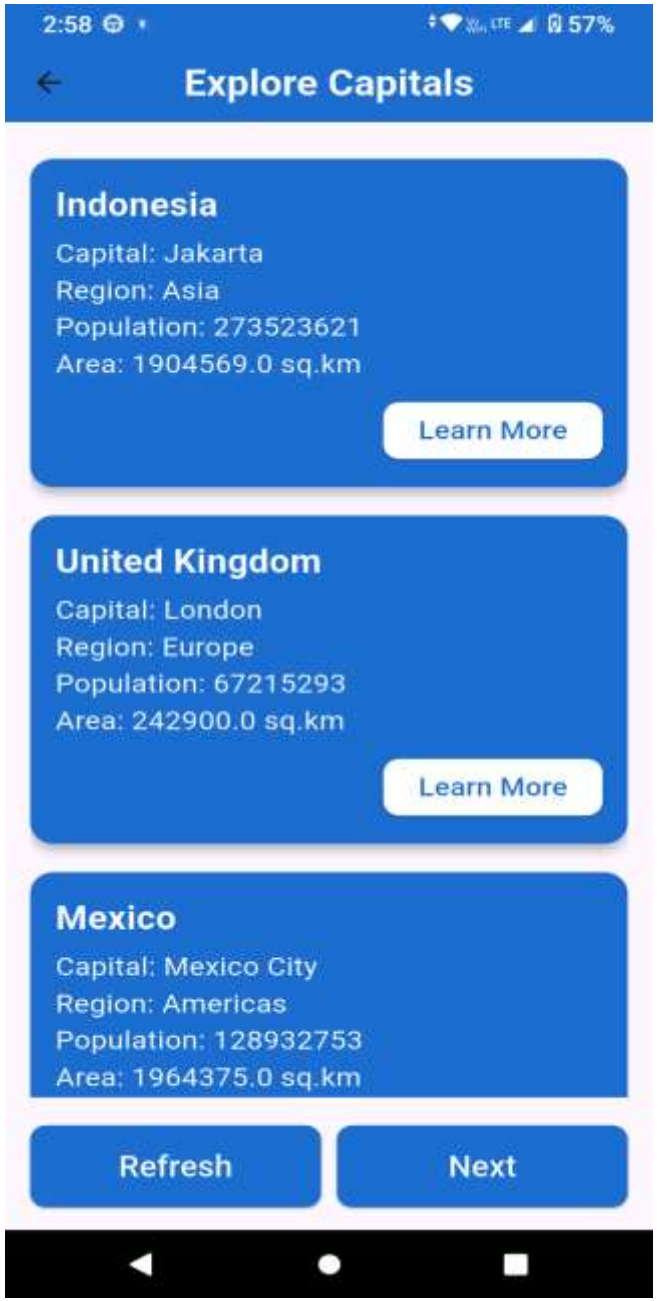
The Explore Capital page displays country information by retrieving data from the REST Countries API (https://restcountries.com/v3.1/all) based on the values in the country list created within the app. At a time, three random country cards are shown, each containing details like the country's name, capital, total area, and population.

Users can refresh the page to load a new set of random countries. Additionally, when they click the "Learn More" button on a card, the detailed information about that country is displayed in its native language, providing a localized experience.

When the "Learn More" button for France is clicked, the app retrieves and displays the country's details in French, its native language. This ensures that users can view information in the language of the respective country, thereby achieving localization.



Learn more button next to US is clicked



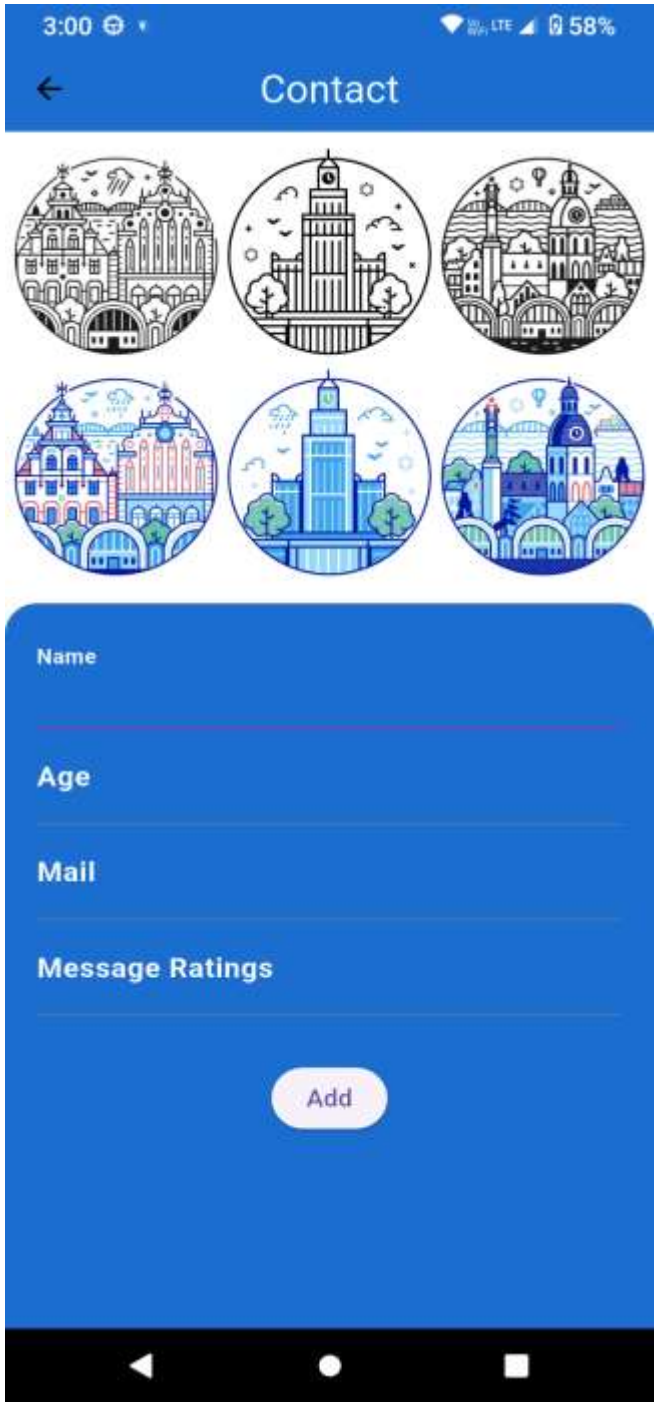
Refresh button is clicked

Learn more button next to Indonesia is clicked

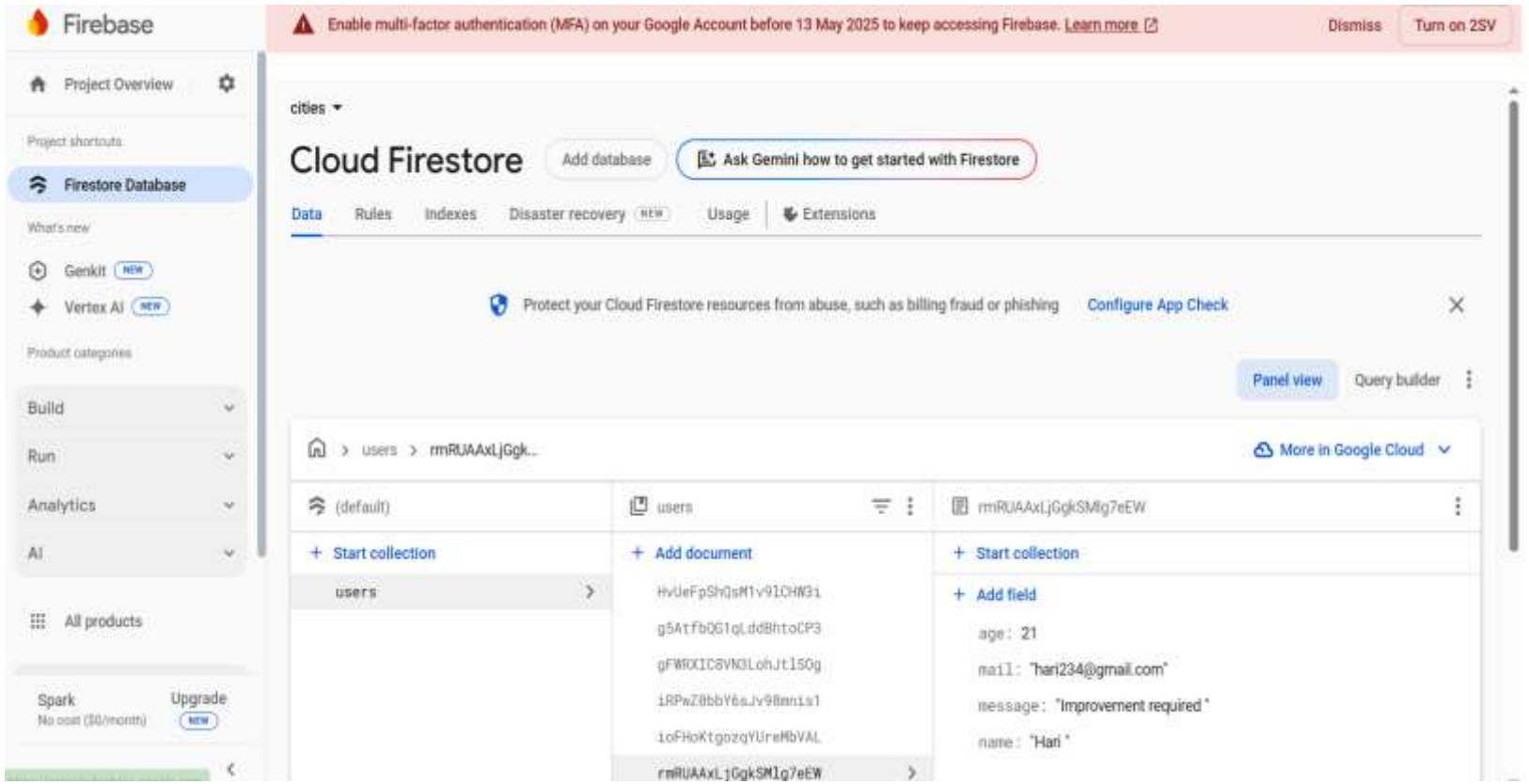
2:58
57%
Explore Capitals
Region: Europe
Population: 47351567
Area: 505992.0 sq.km
Learn More
了解更多关于中国的信息
北京是中国的首都，以其历史悠久的长城和故宫博物院而闻名。中国是一个文化和技术快速发展的国家。
Close
Capital: Beijing
Region: Asia
Population: 1402112000
Area: 9706961.0 sq.km
Learn More
Refresh
Next

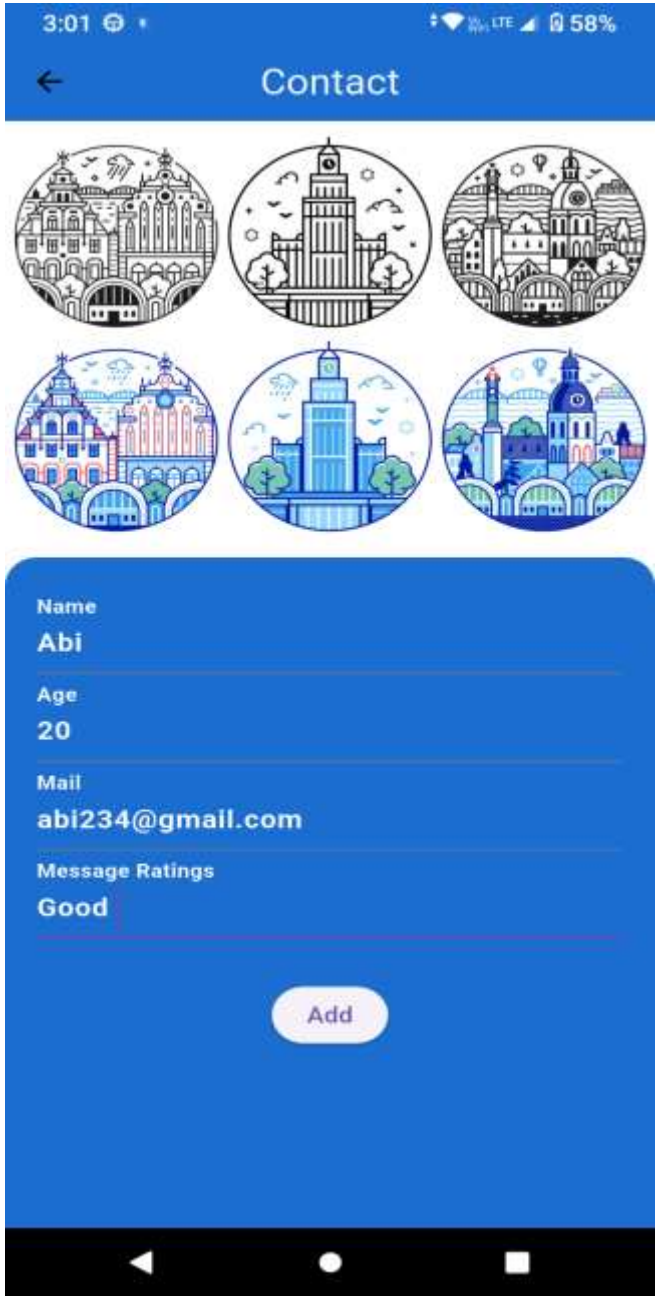
2:59
58%
Explore Capitals
Canada
Capital: Ottawa
Region: Americas
Population: 38005238
Area: 9984670.0 sq.km
Scopri di più sull'Italia
Roma, la capitale d'Italia, è famosa per i suoi monumenti antichi come il Colosseo e la Fontana di Trevi. L'Italia è il cuore della moda e della cucina mediterranea.
Close
Indonesia
Capital: Jakarta
Region: Asia
Population: 273523621
Area: 1904569.0 sq.km
Refresh
Next

assets
images
img1.webp
img2.jpg
img3.webp
lang
ar.json
au.json
br.json
ca.json
cn.json
de.json
es.json
fr.json
id.json
it.json
jp.json
kr.json
mx.json
ru.json
tr.json
uk.json
us.json
za.json
build
ios
OUTLINE



The Contact Page is connected to a Firebase database, allowing users to submit their details. The form includes fields for Name, Age, Email, and Message. When the user fills out the form and submits it, the data is stored in Firebase Firestore. When the Add button is clicked, the entered details (Name, Age, Email, and Message) are stored in Firebase Firestore.





cities

Cloud Firestore

Add database | Ask Gemini how to get started with Firestore

Data | Rules | Indexes | Disaster recovery NEW | Usage | Extensions

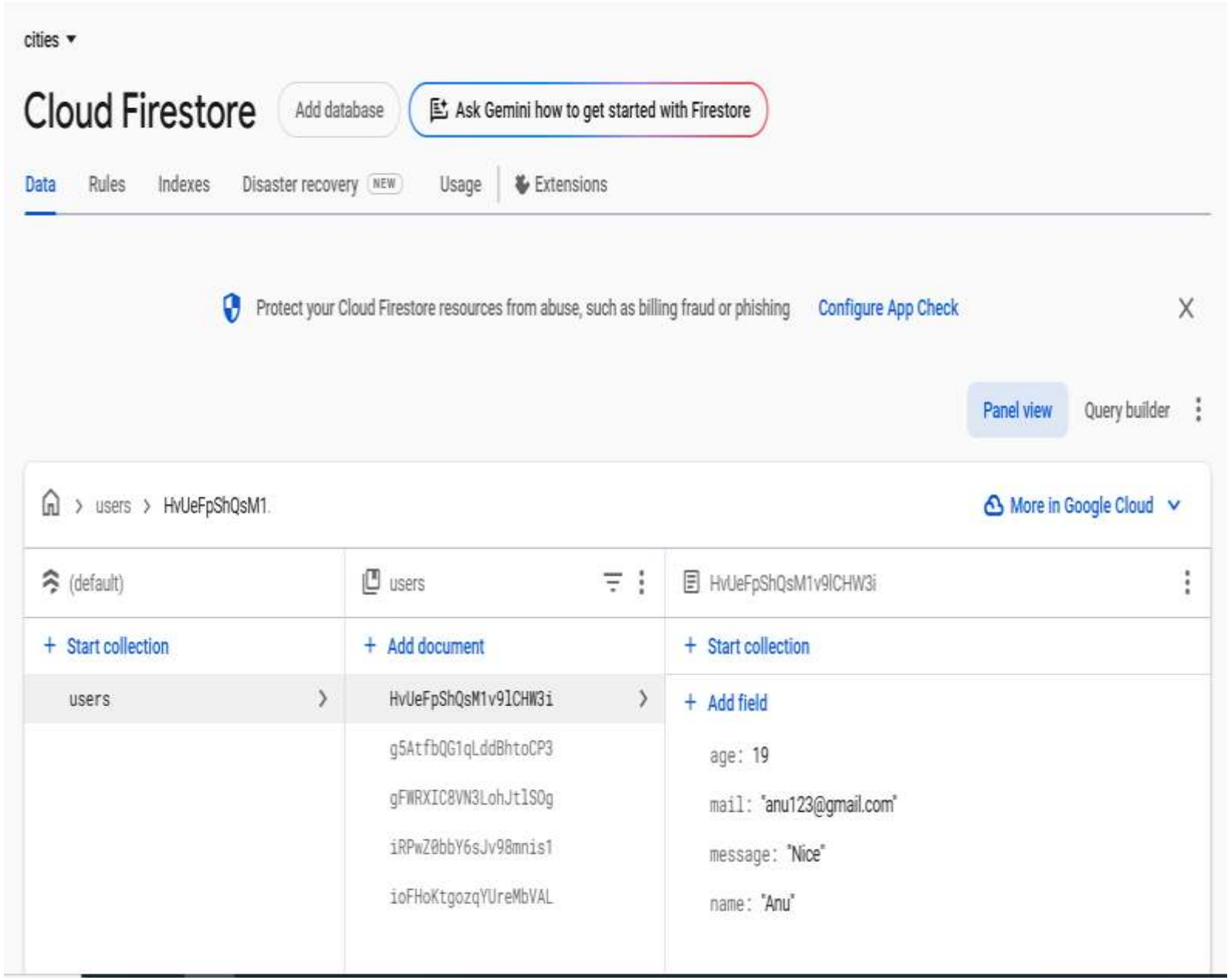
Protect your Cloud Firestore resources from abuse, such as billing fraud or phishing Configure App Check

Panel view | Query builder

users › iRPwZ0bbY6sJv. More in Google Cloud

(default)	users	iRPwZ0bbY6sJv98mnis1
+ Start collection	+ Add document	+ Start collection
users ›	g5AtfbQG1qLddBhtoCP3	+ Add field
	gFWRXIC8VN3LohJtlSOg	age: 20
	iRPwZ0bbY6sJv98mnis1 ›	mail: "abi234@gmail.com"
	ioFHoKtgozqYUreMbVAL	message: "Good"
		name: "Abi"

3:02
59%
Contact
Name
Anu
Age
19
Mail
anu123@gmail.com
Message Ratings
Nice
Add


cities
Cloud Firestore
Add database
Ask Gemini how to get started with Firestore
Data
Rules
Indexes
Disaster recovery
NEW
Usage
Extensions
Protect your Cloud Firestore resources from abuse, such as billing fraud or phishing
Configure App Check
Panel view
Query builder
users
HvUeFpShQsM1
More in Google Cloud
(default)
users
HvUeFpShQsM1v9lCHW3i
Start collection
Add document
Start collection
users
HvUeFpShQsM1v9lCHW3i
Add field
g5AtfbQG1qLddBhtoCP3
gFWRXIC8VN3LohJtlSOg
iRPwZ0bbY6sJv98mnis1
ioFHoKtgozqYUreMbVAL
age: 19
mail: "anu123@gmail.com"
message: "Nice"
name: "Anu"