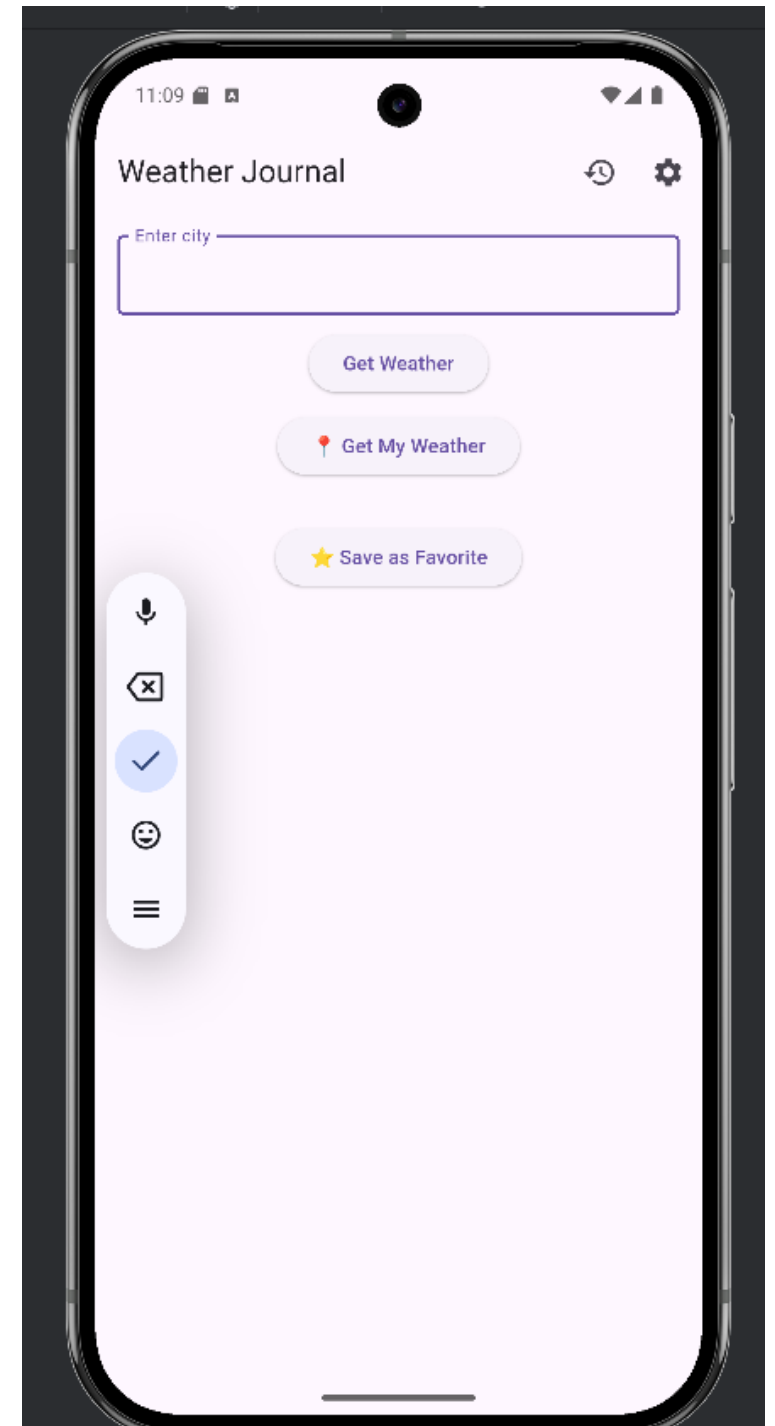# WEATHER JOURNAL

A mobile app for fetching real-time weather data.

• Uses **OpenWeather API** to get weather details.
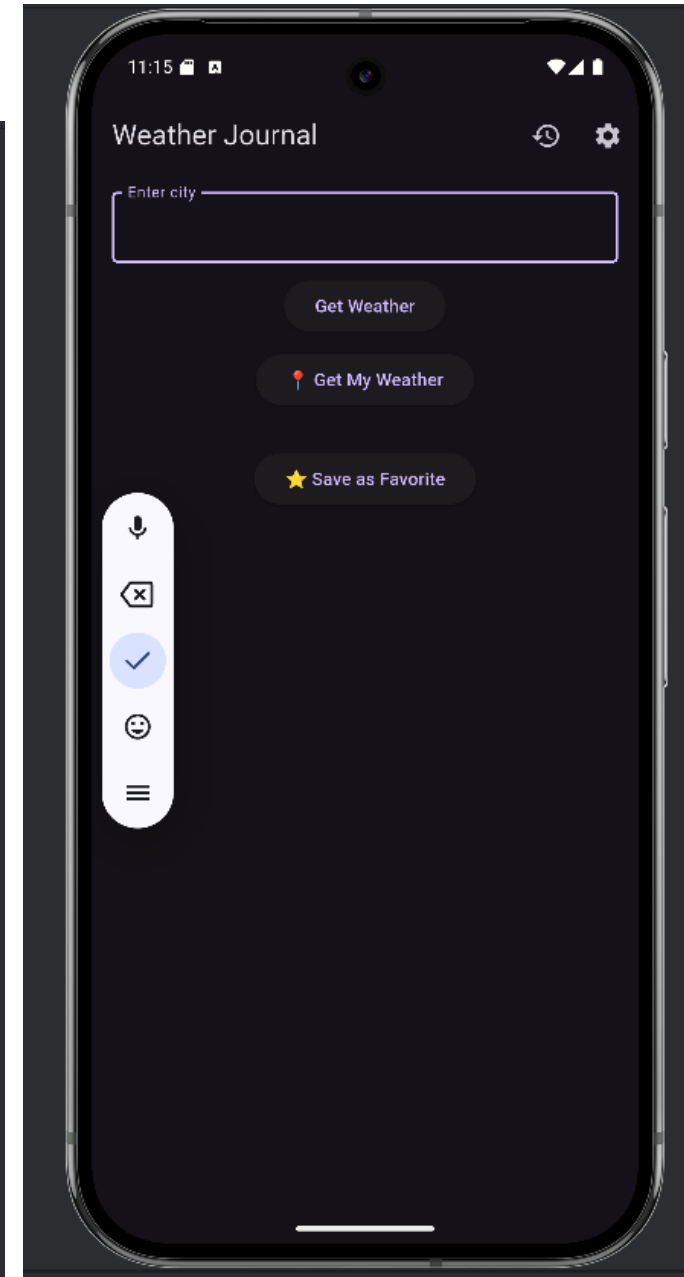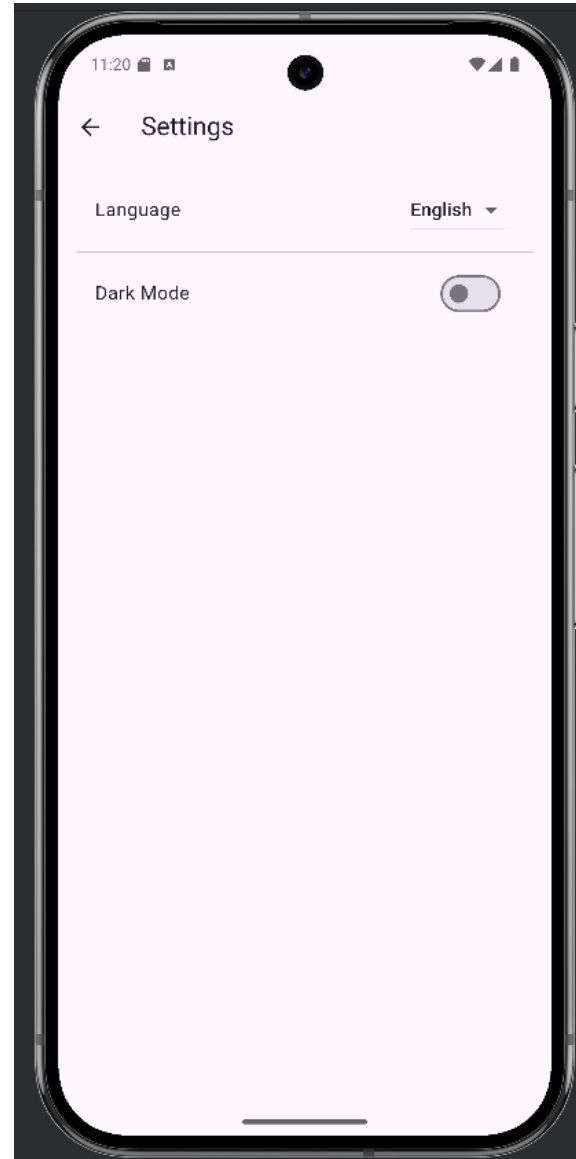•Supports localization, theming, and database storage
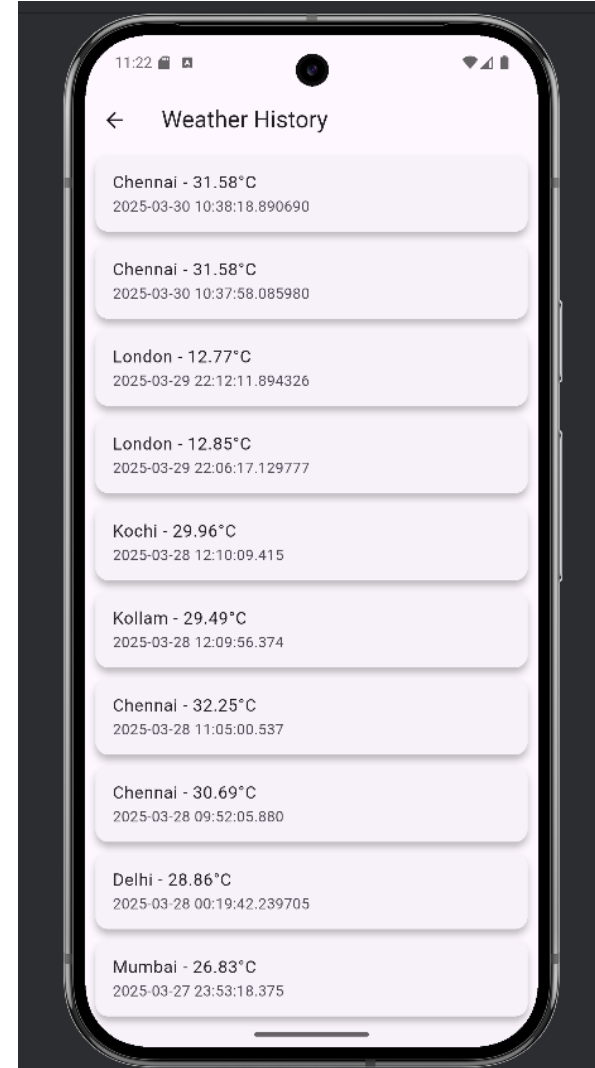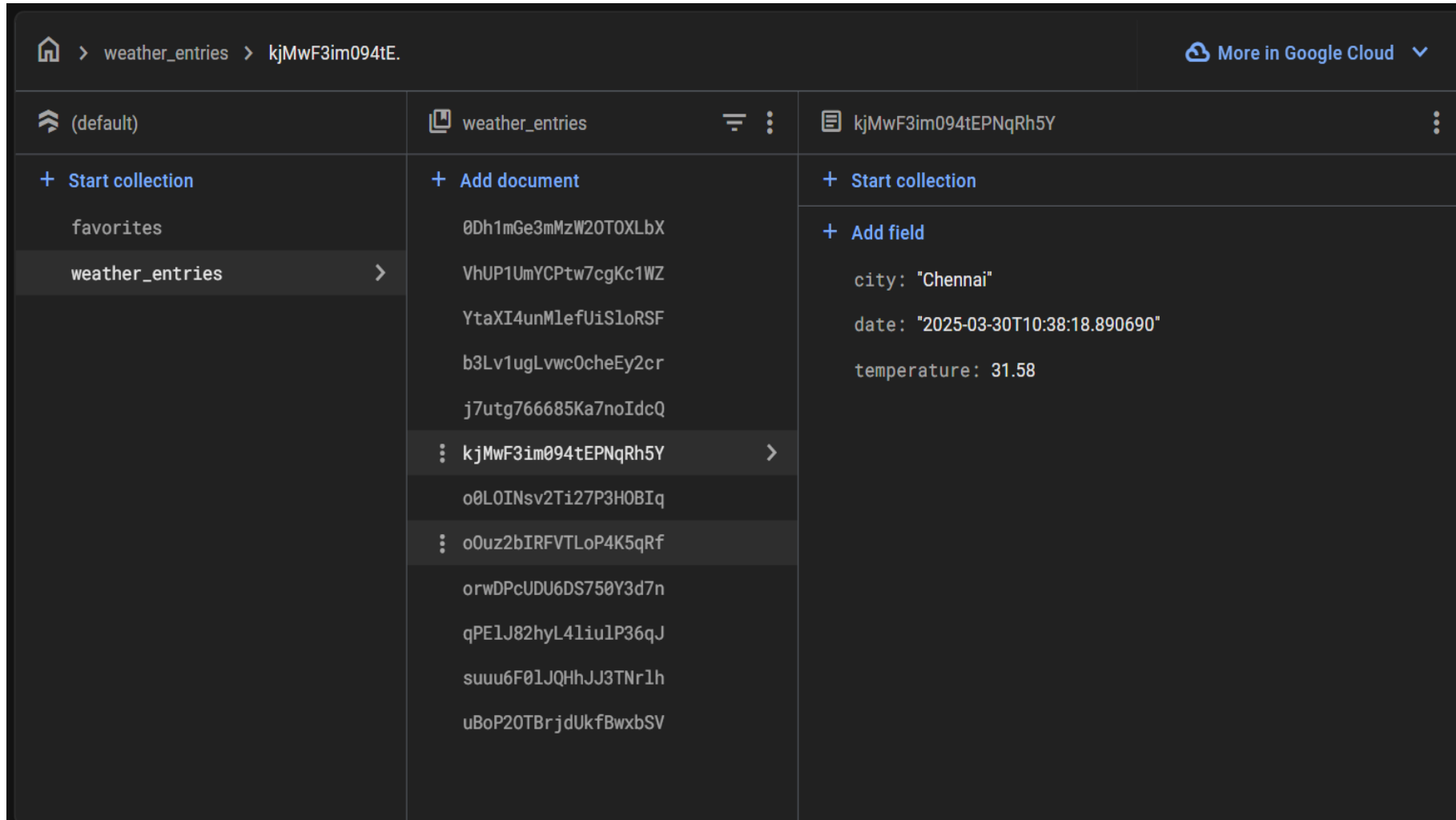
This is the home page of the application.

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STYLING & THEMING

- **Dark Mode Support:** themeProvider.isDarkMode in MyApp
- **Global App Theme:** Applied in MaterialApp
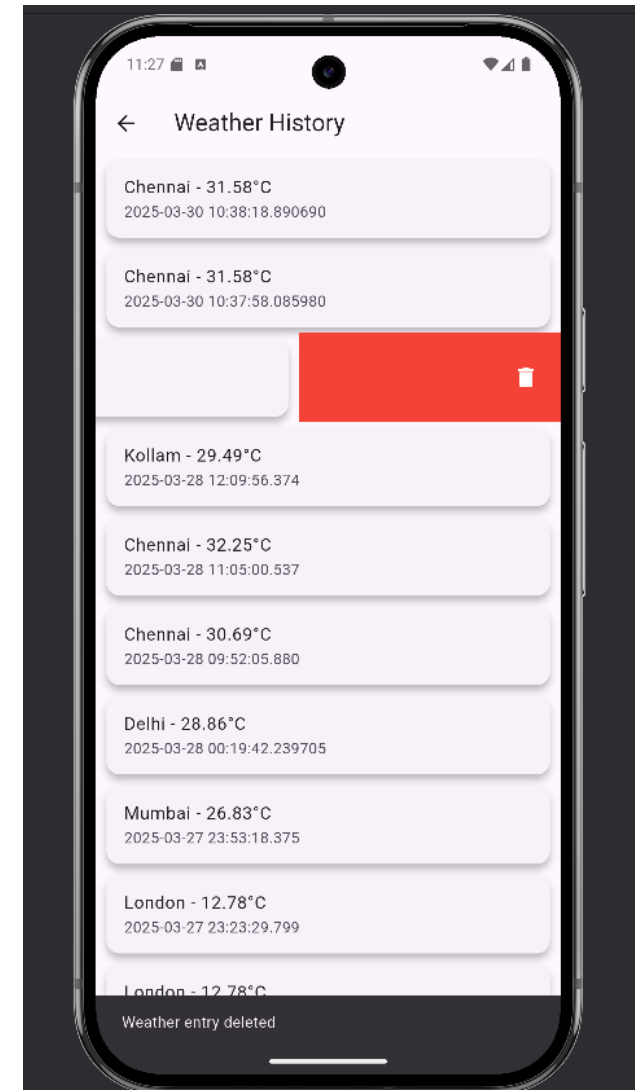- **Custom Styling**

Weather History

- Shows the past data entries of weather searched by user

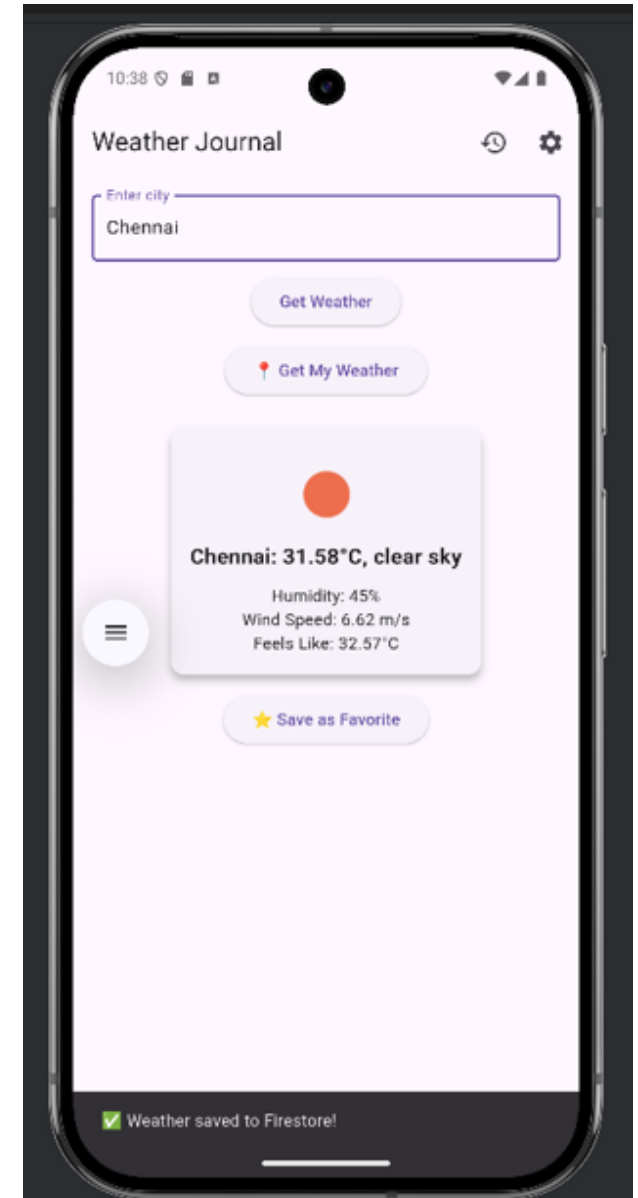- It saves it locally and also from the firestore of FireBase

Gestures

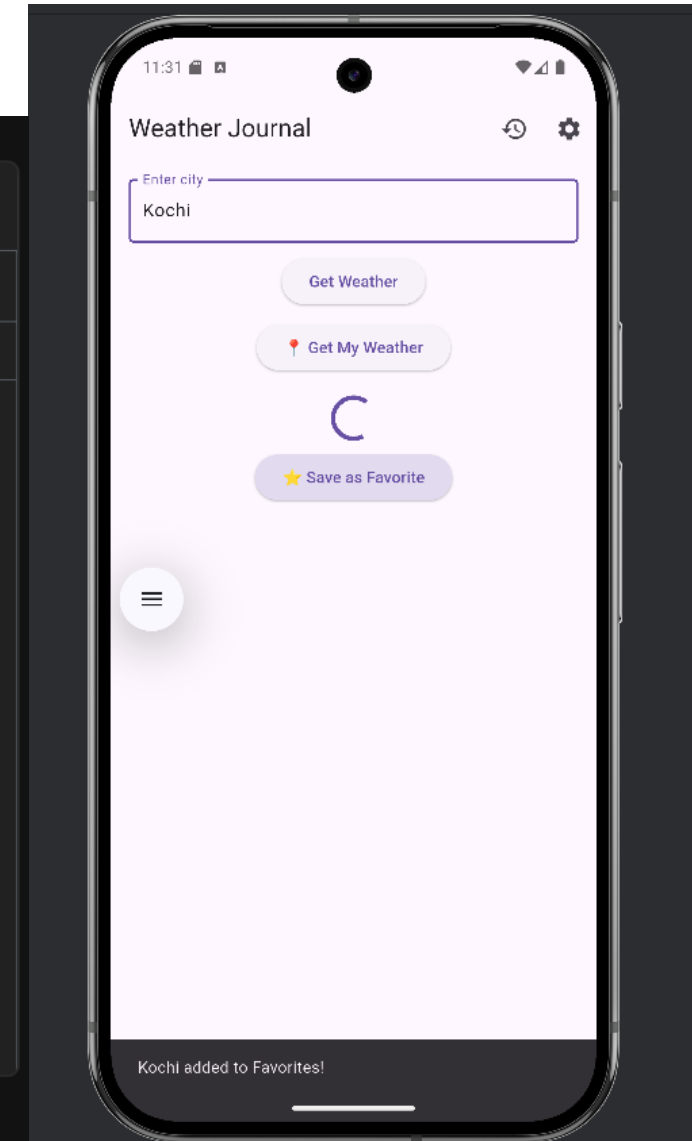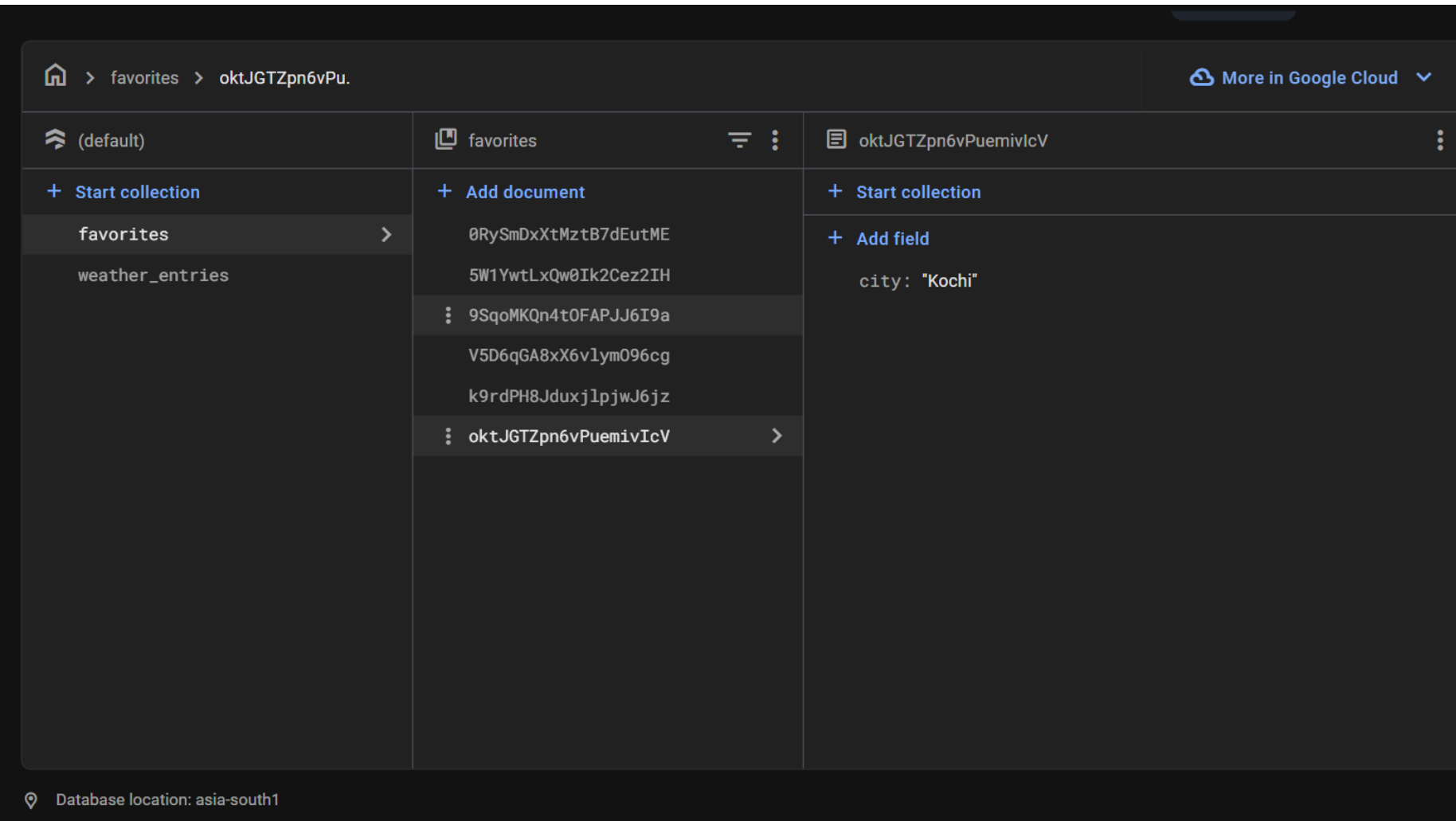**Swipe to Delete:** Used in HistoryScreen with Dismissible.

API Calling

•**Used in WeatherService.dart**

•When user enters a city and clicks "Get Weather" (fetchWeather(city)).

Save Favorite

- It saves the location to a favorite section in the firestore database

Localization

•Where

•In LocalizationProvider.dart to manage language selection.

•In SettingsScreen for language dropdown.

•When

•When user selects a language from the dropdown locale updates dynamically.

•App fetches text from en.json or es.json.