OG

OTA Guard

Mobile companion app — LISBOA PVT

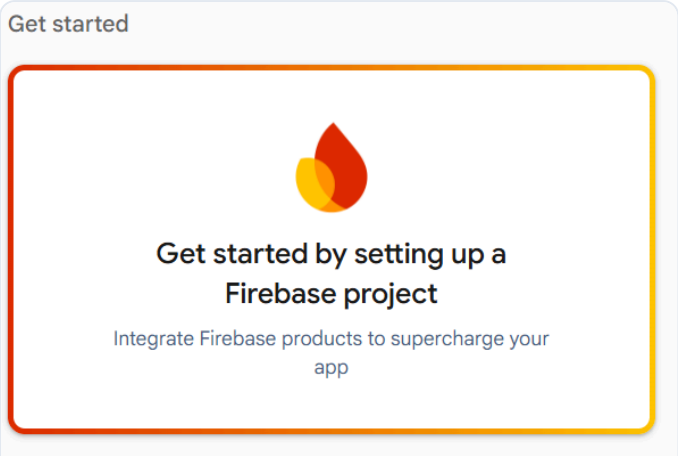
FIREBASE SETUP GUIDE

Required once per hotel

This guide explains how to create a free **Firebase** project — required to activate the OTA Guard mobile companion app (real-time alerts, price control from your phone). Google does not ask for **any bank card** for these steps. Allow about 10 minutes.

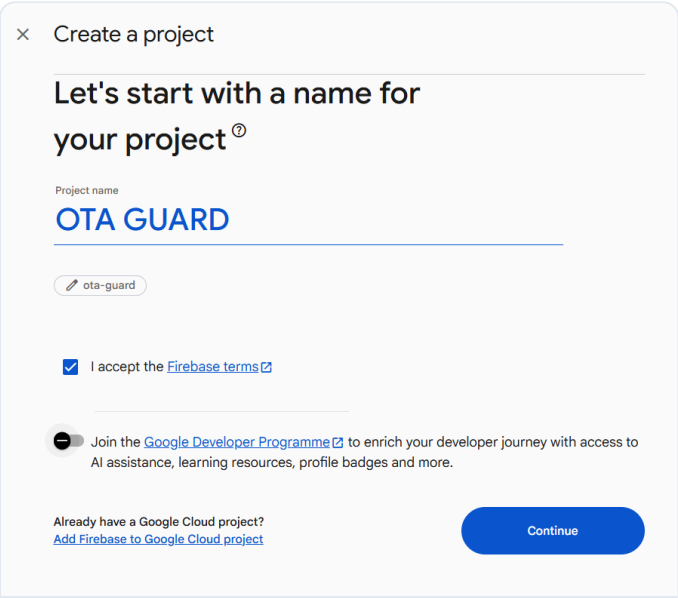
1 Create the Firebase project

1. Go to `https://console.firebase.google.com/`, signed in with the hotel's Google account.



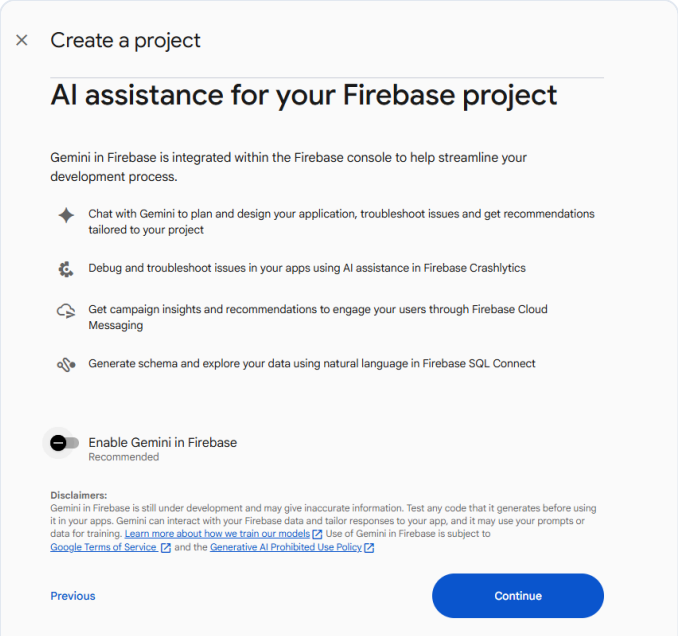
Landing screen — click the "Get started by setting up a Firebase project" card

2. Click the **"Get started by setting up a Firebase project"** card.
3. Enter a project name — Firebase automatically generates a technical ID below it based on this name (editable if needed).
4. Check **"I accept the Firebase terms"** (required).
5. Leave the **"Join the Google Developer Programme"** toggle off (not needed).
6. Click **"Continue"**.



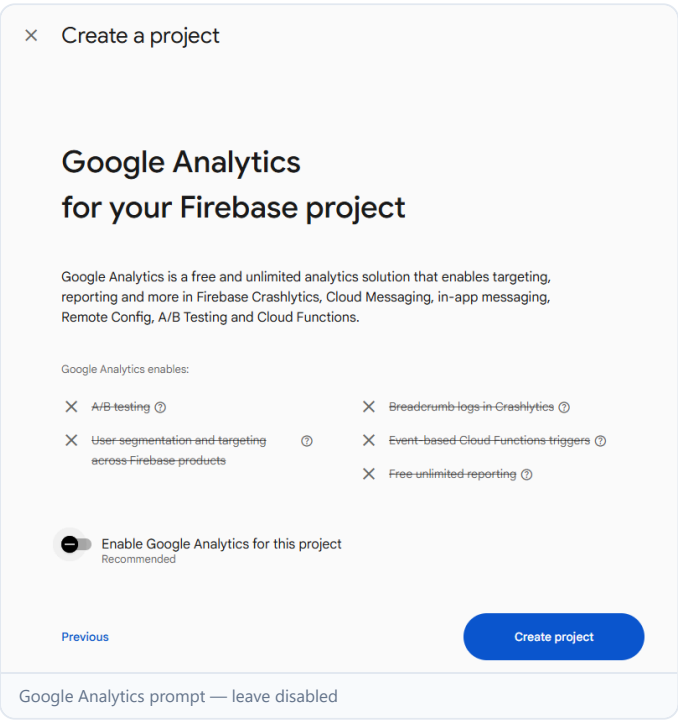
Project naming and Firebase terms confirmation

7. On the **"AI assistance for your Firebase project"** screen (Gemini in Firebase), leave the **"Enable Gemini in Firebase"** toggle off — not needed for OTA Guard, even though Google marks it "Recommended" — then click **"Continue"**.



Gemini in Firebase prompt — leave disabled

8. On the **"Google Analytics for your Firebase project"** screen, leave the **"Enable Google Analytics for this project"** toggle off (not needed here).
9. Click **"Create project"** and wait about 30 seconds.

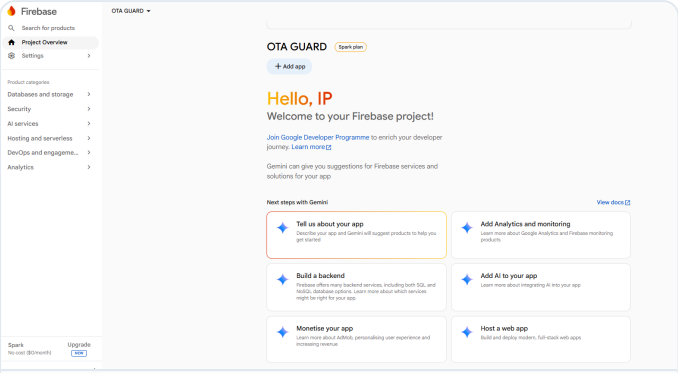


Google Analytics prompt — leave disabled

> **EXAMPLE**
> Suggested project name: `ota-guard-jangala` (fixed prefix + hotel name, lowercase, no spaces)

2 Enable Firestore Database

1. Once the project is created, you land on the project home screen ("Hello... Welcome to your Firebase project").
2. In the left menu, under **"Product categories"**, click **"Databases and storage"** to expand that category (it is collapsed by default — Firestore does not appear directly in the menu).



Project home screen — the "Databases and storage" category groups Firestore

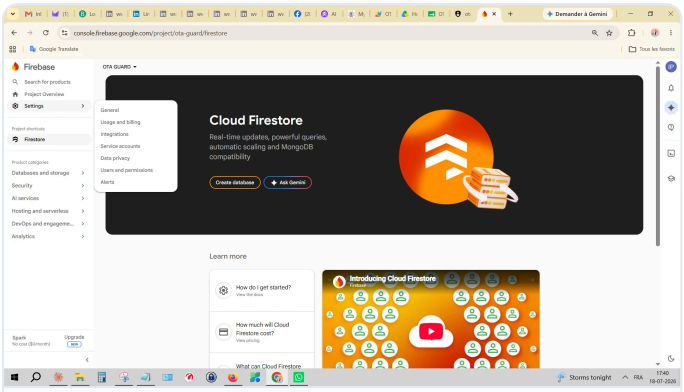
3. Click **"Firestore"** (under the **"NoSQL"** section), which appears in the expanded list.
4. Click **"Create database"**.
5. Choose a region close to the hotel (e.g. `asia-south1` for India, `eur3` for Europe).
6. Select **"Start in test mode"**.
7. Click **"Enable"**.

> **Note:** test mode leaves the database open for 30 days — enough for setup and initial testing. Final security rules (restricting access to the owning hotel only) will be added before any real client deployment.

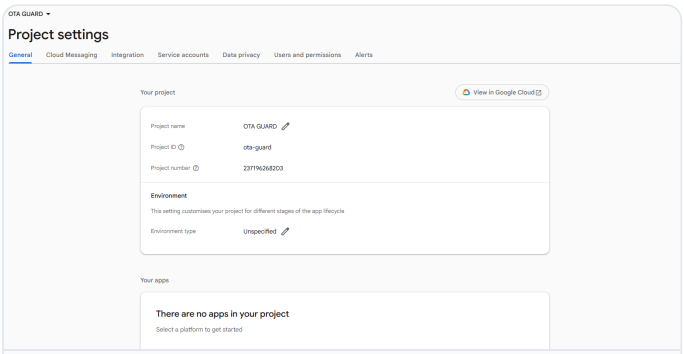
3 Get the client configuration (5 values)

These 5 values fill the 5 fields in OTA Guard's "📱 **Mobile App**" tab (PC) to generate the pairing QR code. They are not secret.

1. Click the gear icon ⚙ (top left) → in the dropdown menu, click **"General"**.

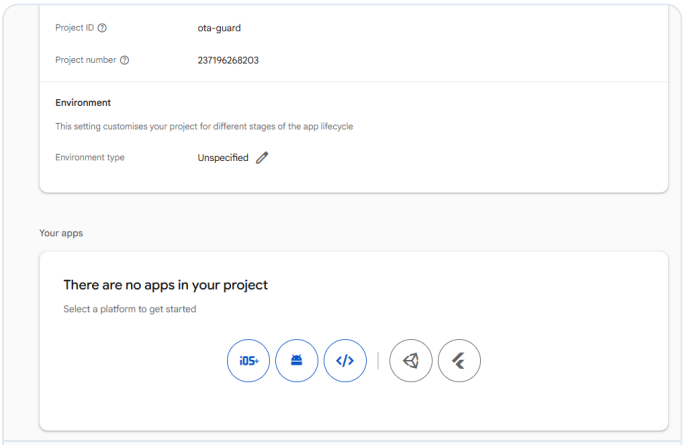


Settings menu — click "General"



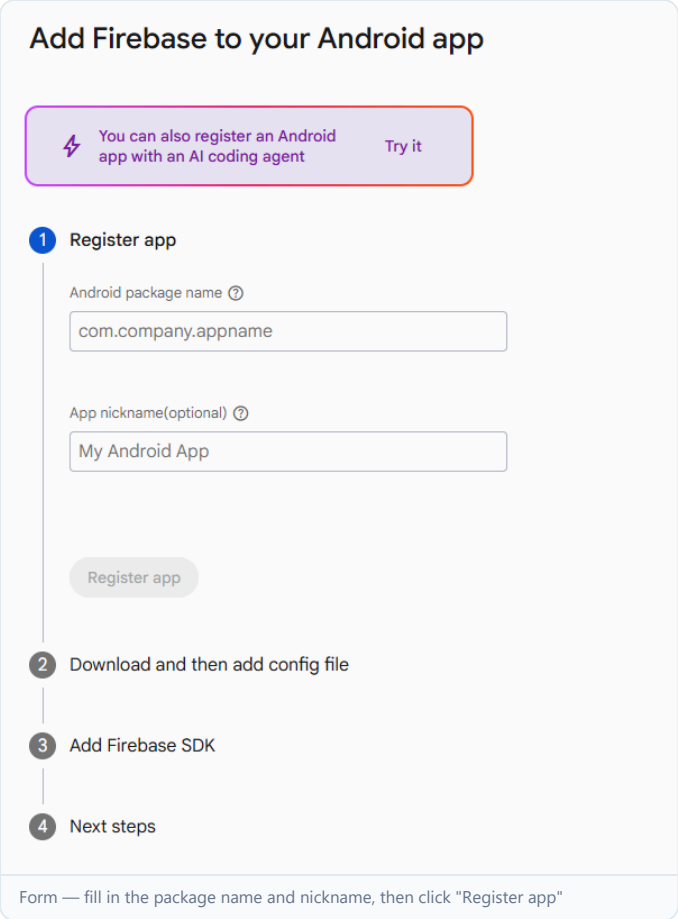
General screen — you see "Your apps" at the bottom

2. Scroll down to **"Your apps"** → click the Android icon (the robot 🤖).



Click on the Android icon

3. Enter exactly the package name: `com.example.ota_guard_mobile` (it's the default name of the generated Flutter app).



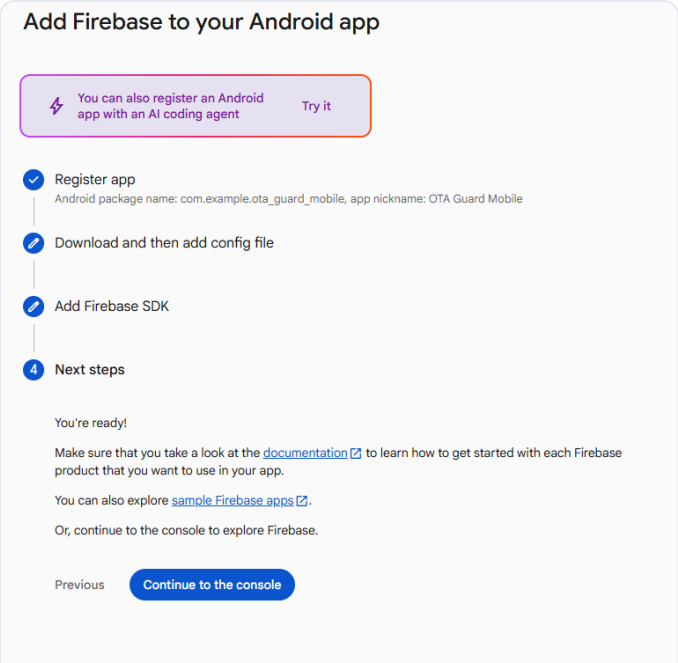
Form — fill in the package name and nickname, then click "Register app"

4. Nickname: `OTA Guard Mobile` → click **"Register app"**.

Step 5 — Kotlin DSL or Groovy choice

5. You see a proposal to download `google-services.json` and configure Gradle (Kotlin DSL or Groovy) → **you can ignore this section completely**. Simply click **"Next"** to continue.

6. Click **"Next"** again. You see a confirmation screen **"Add Firebase to your Android app"** with all steps completed (blue checkmarks).



Confirmation — all steps are completed (blue checkmarks)

7. Click **"Continue to the console"** (blue button) to return to the project settings.
8. Back in Project settings, you will see the 5 values:

- `apiKey`
- `appId`
- `messagingSenderId` ("Sender ID")
- `projectId`
- `storageBucket`

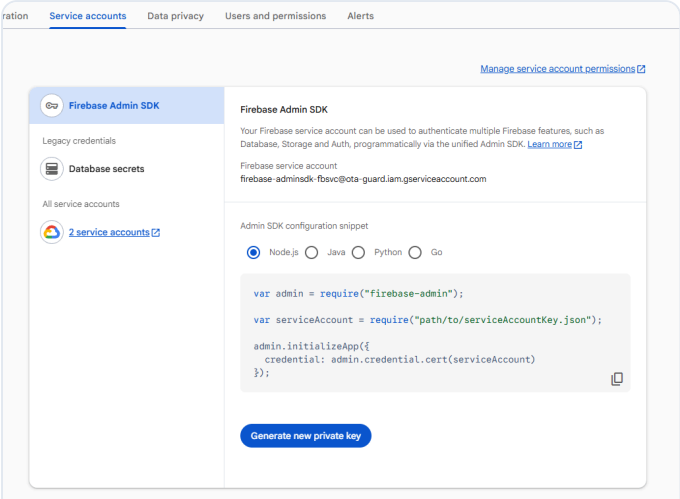
What to do next:

1. Copy these 5 values
2. Open **OTA Guard** (the PC application)
3. Go to the "📱 **Mobile App**" tab
4. Fill the 5 fields with these values
5. Click **"Save"**

4 Generate the service account key (file for the PC)

4 Generate the service account key (PC file)

1. **Project settings** → **"Service accounts"** tab.



Service accounts tab — click "Generate new private key"

2. Click **"Generate new private key"** → confirm.
3. A `.json` file downloads automatically.
4. In OTA Guard, **"📱 Mobile App"** tab → **"Load JSON file"** → select this file.
5. Click **"Test connection"** → status should switch to **"Connected"**.

> **Important:** this `.json` file is a secret credential (equivalent to a password). Never send it by plain email, never share it publicly. OTA Guard stores it encrypted once loaded.

WHO PERFORMS THESE 4 STEPS?

ACCOUNT REQUIRED

- These steps must be done with the **hotel's own Google account** (not the vendor's).
- This is what keeps the hotel's data isolated and Firebase hosting free of charge.

TWO WAYS TO PROCEED

- **Option A:** the vendor clicks through on the client's behalf (video call / screen share), once.
- **Option B:** the client follows this guide alone, step by step.