Here’s a summary of all the steps you went through to create and set up your Firebase project starting from the Google Cloud Platform (GCP) console:

**1. Create a Google Cloud Project:**

* **Log in to the GCP Console**: Go to Google Cloud Console. <https://console.cloud.google.com/>

**Create a New Project**:

* In the top-left corner, click on the **project dropdown**.
* Click on **New Project**.
* Provide a **name** for your project (e.g., MyFirebaseProject).
* Select your **billing account** if prompted.
* Click **Create** to finish creating the project.

 **Wait for the Project to Be Created**:

* It will take a few moments for GCP to set up your new project. Once done, you can see it in the project list.

**2. Enable Billing for the GCP Project:**

* If not already enabled, set up billing for the project in the Google Cloud Console to ensure that services are properly billed under Pay-as-You-Go plan **What It Means**: You only pay for the resources you use.

**Step 3: Add a Developer as an Admin**

* **Go to the IAM & Admin Page**:
* In the Google Cloud Console, go to **IAM & Admin** from the navigation menu on the left.
* **Add a New Member**:
* Click on **+ Add** at the top of the IAM page.
* **Enter Developer's Email**:
* In the **New Members** field, enter the email address of the developer you want to add.
* my email is: abdallamrfe@gmail.com
* **Assign Admin Role**:
* Under **Role**, click on the dropdown and choose **Project** > **Owner** (this gives full admin access).

**Save**:

* Click **Save** to add the developer to the project.

**Step 1: Go to Firebase Console**

* **Open the Firebase Console**:  
  Visit <https://console.firebase.google.com/>.

**Step 2: Select the Existing Google Cloud Project**

* **Click on “Add Project”**:  
  On the Firebase homepage, click on the **“Add Project”** button.
* **Select your Existing Google Cloud Project**:  
  You will see an option to select a project. Choose the **Google Cloud project** you already have from the list.
* **Click Continue**:  
  Confirm the selected project and click **Continue**.

Yes, when you add Firebase to a Google Cloud project that already has billing enabled, Firebase automatically uses the **Blaze Plan** (pay-as-you-go). Here's a quick breakdown:

**Blaze Plan (Pay-as-You-Go)**

* **What It Means**: You only pay for the resources you use. Firebase services like Authentication, Firestore, Cloud Functions, Hosting, etc., have free tiers, but once you exceed those limits, you’ll be billed based on your usage.