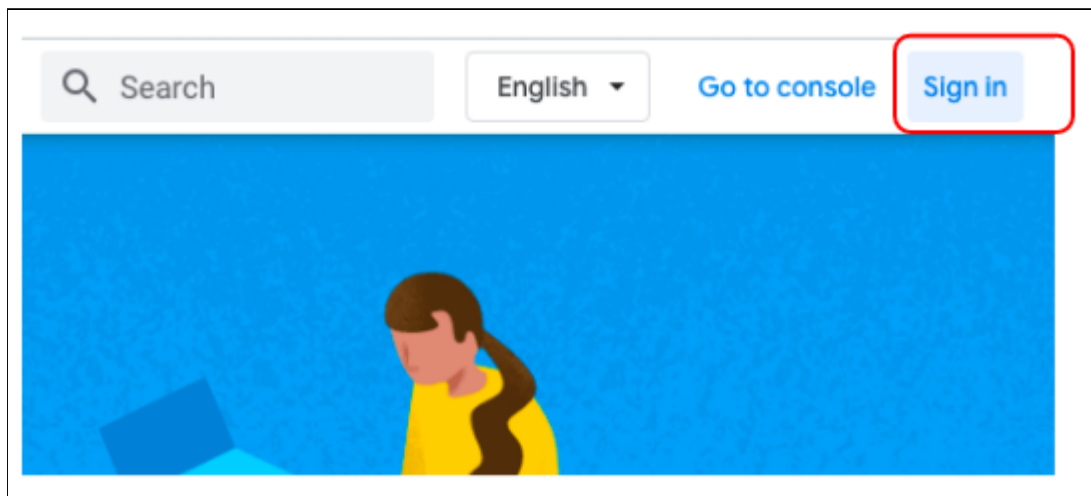
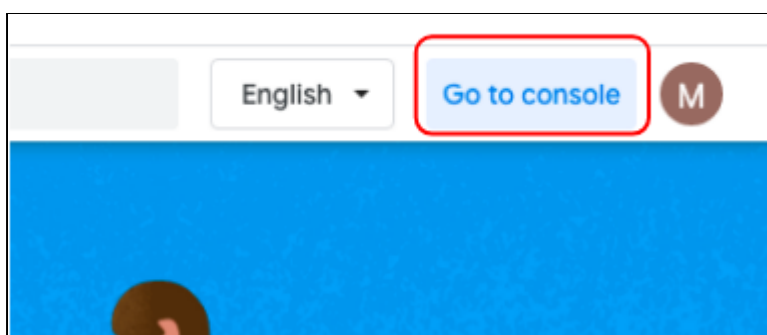


1. To Create a firebase project.

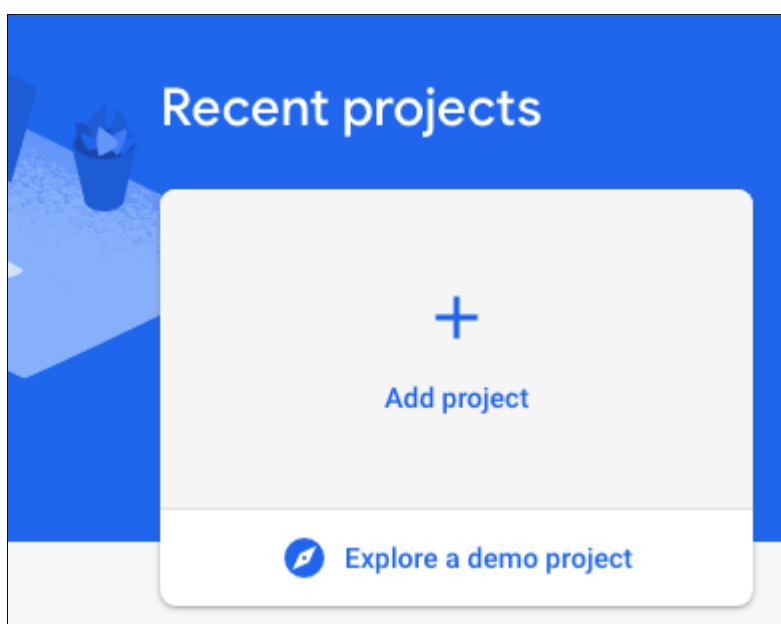
- Open <https://firebase.google.com/> and click on the **Sign in** button on top right corner:



- Then select the google account for Sign in.
- Click on **Go to console** at the top right corner.



- Click on **Add project**.



- Give a name to your project and press the **Continue** button.

Let's start with a name for your project[?]

Project name

ClassTest

✎ classtest-115bb


Continue


- Turn Google Analytics off.


Google Analytics for your Firebase project


Google Analytics is a free and unlimited analytics solution that enables targeting, reporting, and more in Firebase Crashlytics, Cloud Messaging, In-App Messaging, Remote Config, A/B Testing, Predictions, and Cloud Functions.


Google Analytics enables:


 A/B testing [?]

 User segmentation & targeting across Firebase products [?]

 Predicting user behavior [?]

 Crash-free users [?]

 Event-based Cloud Functions triggers [?]

 Free unlimited reporting [?]

☒ Enable Google Analytics for this project
Recommended

Previous

Continue

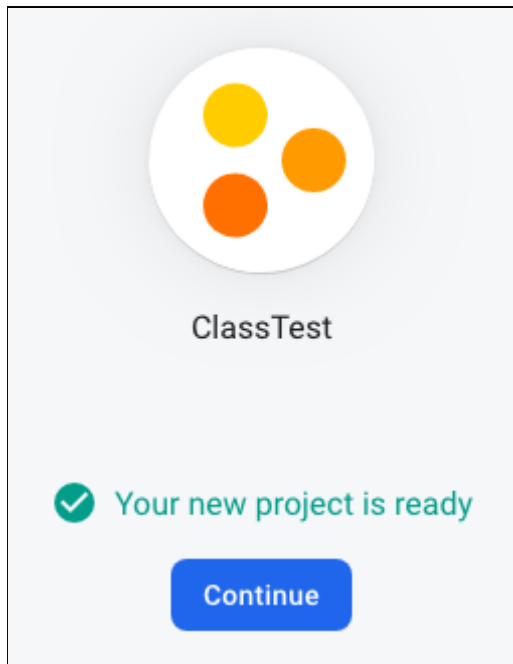
- Press the **Create project** button.

☐ Enable Google Analytics for this project
Recommended

Previous

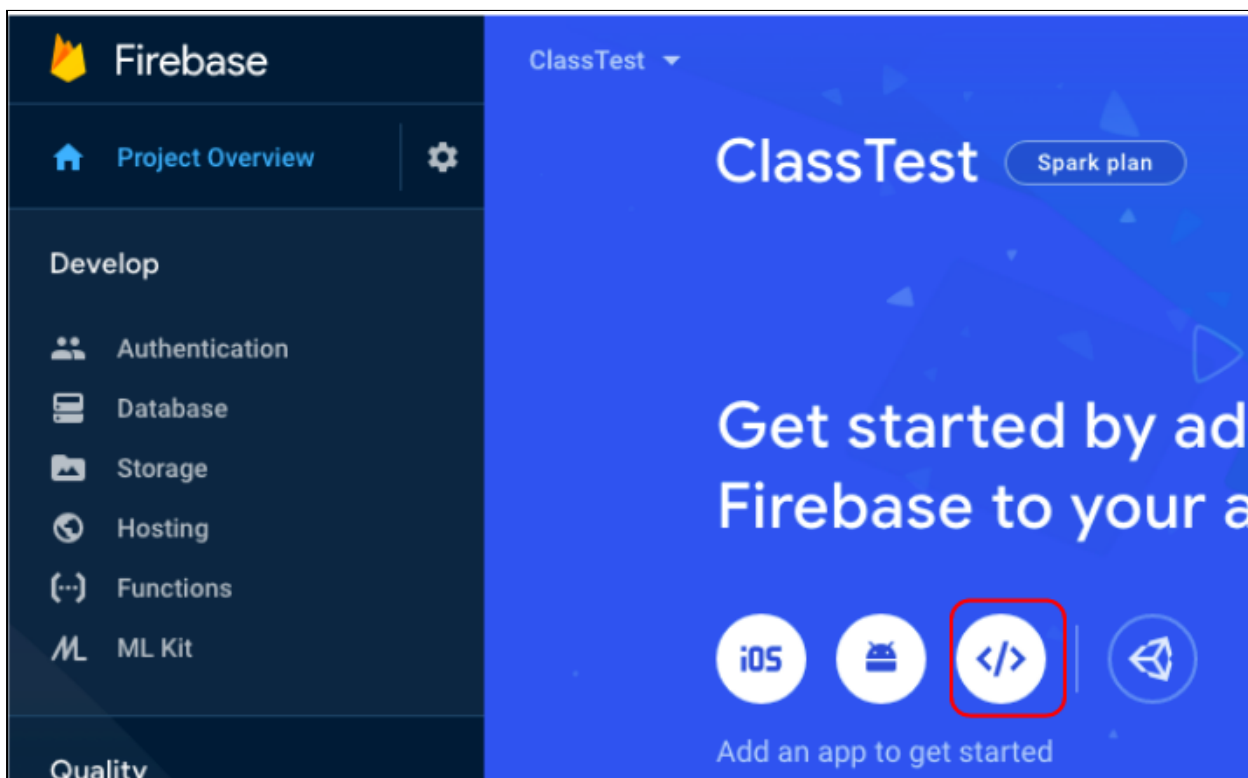
Create project

- After creating the project, click on the **Continue** button.



- After the project is created, we need to generate our firebase configuration links, these links will be our database links, and it will help for sending and receiving data from the firebase database.

- After you click on continue, you will be redirected to the main page of your project, there, click on the web symbol.



- Give your app a name and press the **Register app** button to generate firebase links.

1

Register app

App nickname ?

ClassTest

☐ Also set up **Firebase Hosting** for this app. [Learn more](#) ↗

Hosting can also be set up later. It's free to get started anytime.

Register app

2

Add Firebase SDK

2. To add the firebase SDK, copy and paste the following marked code.

2

Add Firebase SDK

Copy and paste these scripts into the bottom of your <body> tag, but before you use any Firebase services:

```
<!-- The core Firebase JS SDK is always required and must be listed first -->
<script src="https://www.gstatic.com/firebasejs/7.11.0/firebase-app.js"></scrip

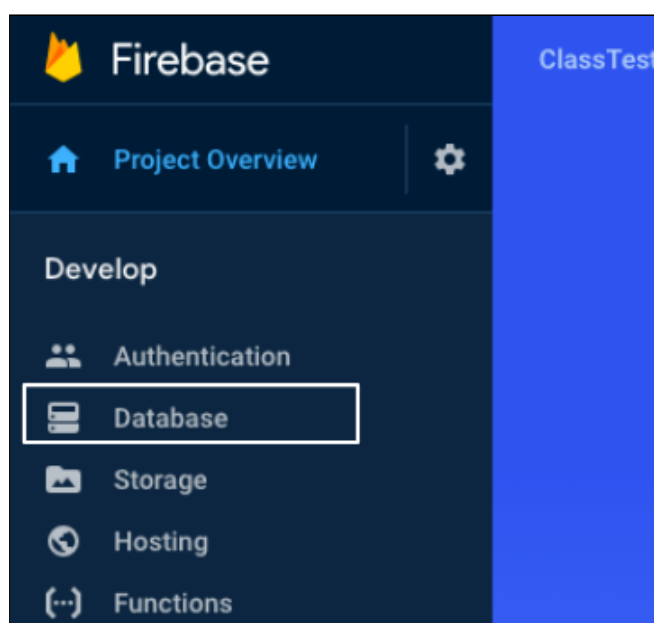
<!-- TODO: Add SDKs for Firebase products that you want to use
      https://firebase.google.com/docs/web/setup#available-libraries -->

<script>
  // Your web app's Firebase configuration
  var firebaseConfig = {
    apiKey: "AIzaSyBFnaGQeR0xOrIDm5TDucLsrFvhupMRE60",
    authDomain: "classtest-64d5a.firebaseio.com",
    databaseURL: "https://classtest-64d5a.firebaseio.com",
    projectId: "classtest-64d5a",
    storageBucket: "classtest-64d5a.appspot.com",
    messagingSenderId: "33276442296",
    appId: "1:33276442296:web:85f5e95e9a2a53e515264d"
  };
  // Initialize Firebase
  firebase.initializeApp(firebaseConfig);
</script>
```

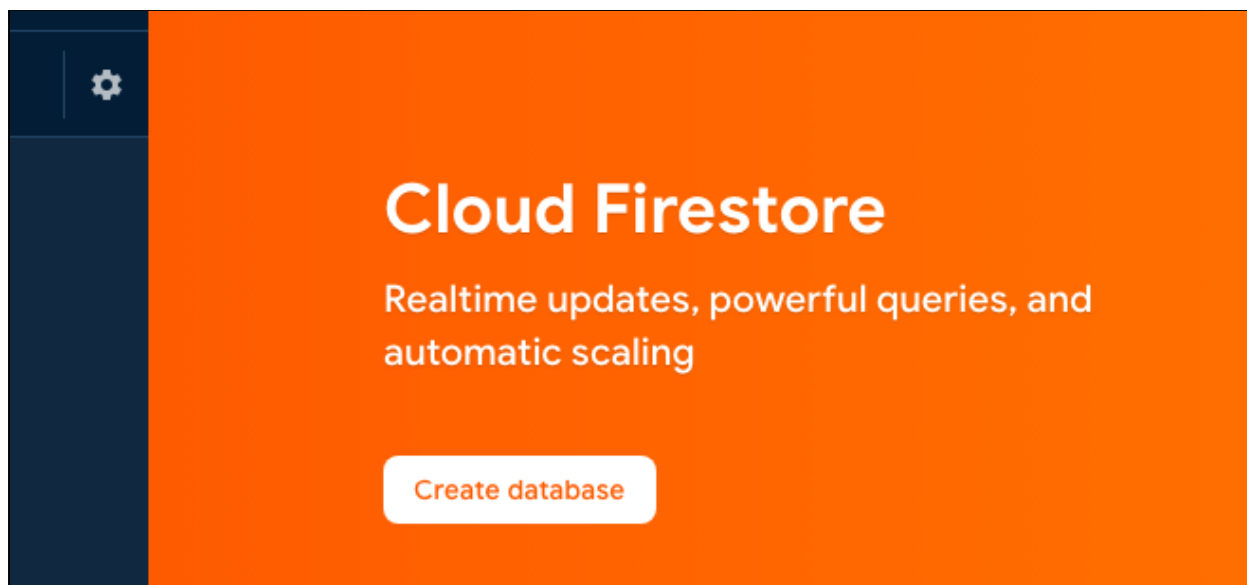
Learn more about Firebase for web: [Get Started](#), [Web SDK API Reference](#), [Samples](#)

Continue to console

3. To create a firebase database:
- On the left hand side click on **Database**.



- Click on **Create database**.



- Select the test mode, and press the next button.

The image shows a "Create database" dialog box with a blue header and a close button (X) in the top right. Below the header, there are two steps: "1 Secure rules for Cloud Firestore" and "2 Set Cloud Firestore location". The first step is active. Below the steps, there is a text block: "After you define your data structure, you will need to write rules to secure your data. [Learn more](#)". There are two radio button options: "Start in production mode" and "Start in test mode". The "Start in test mode" option is selected and highlighted with a red box. Below the "Start in test mode" option, there is a text block: "Your data will be open by default to enable quick setup. Client read/write access will be denied after 30 days if security rules are not updated." To the right of the radio buttons, there is a code block with the following text:

```
rules_version = '2';
service cloud.firestore {
  match /databases/{database}/documents {
    match /{document=**} {
      allow read, write: if
        request.time < timestamp.date(2020, 4, 17);
    }
  }
}
```

 Below the code block, there is a yellow warning box with a red exclamation mark icon and the text: "Anyone with your database reference will be able to read or write to your database for 30 days". At the bottom left, there is a text block: "Enabling Cloud Firestore will prevent you from using Cloud Datastore with this project, notably from the associated App Engine app". At the bottom right, there are two buttons: "Cancel" and "Next". The "Next" button is highlighted with a red box.

- Press the **Done** button and let it load completely.

Create database

Secure rules for Cloud Firestore

2 Set Cloud Firestore location

Your location setting is where your Cloud Firestore data will be stored.

⚠ After you set this location, you cannot change it later. Also, this location setting will be the location for your default Cloud Storage bucket.

Learn more

Cloud Firestore location

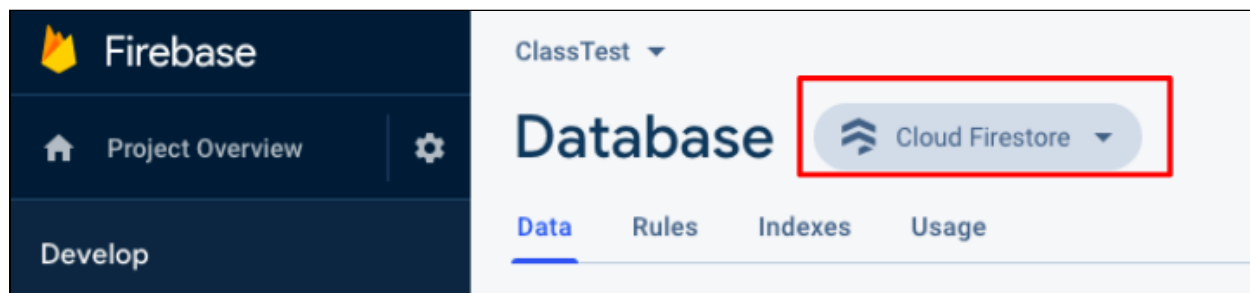
nam5 (us-central)

Enabling Cloud Firestore will prevent you from using Cloud Datastore with this project, notably from the associated App Engine app

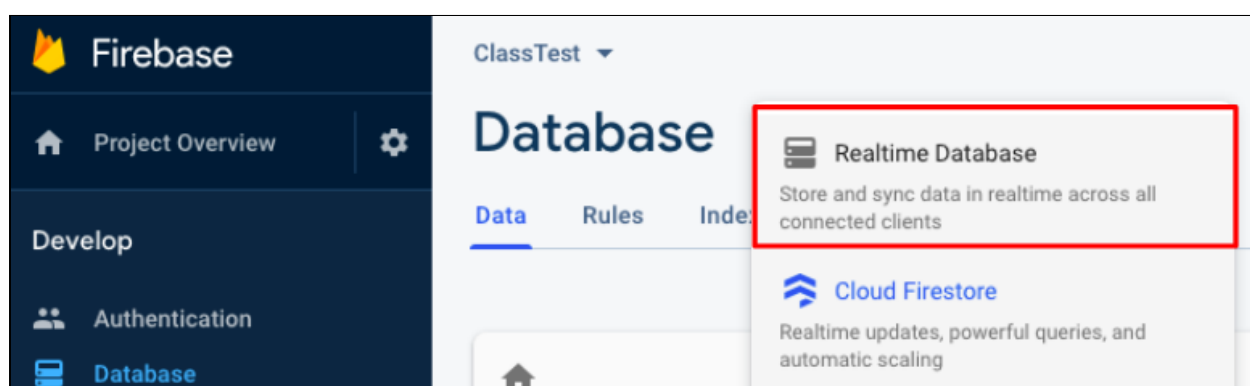
Cancel

Done

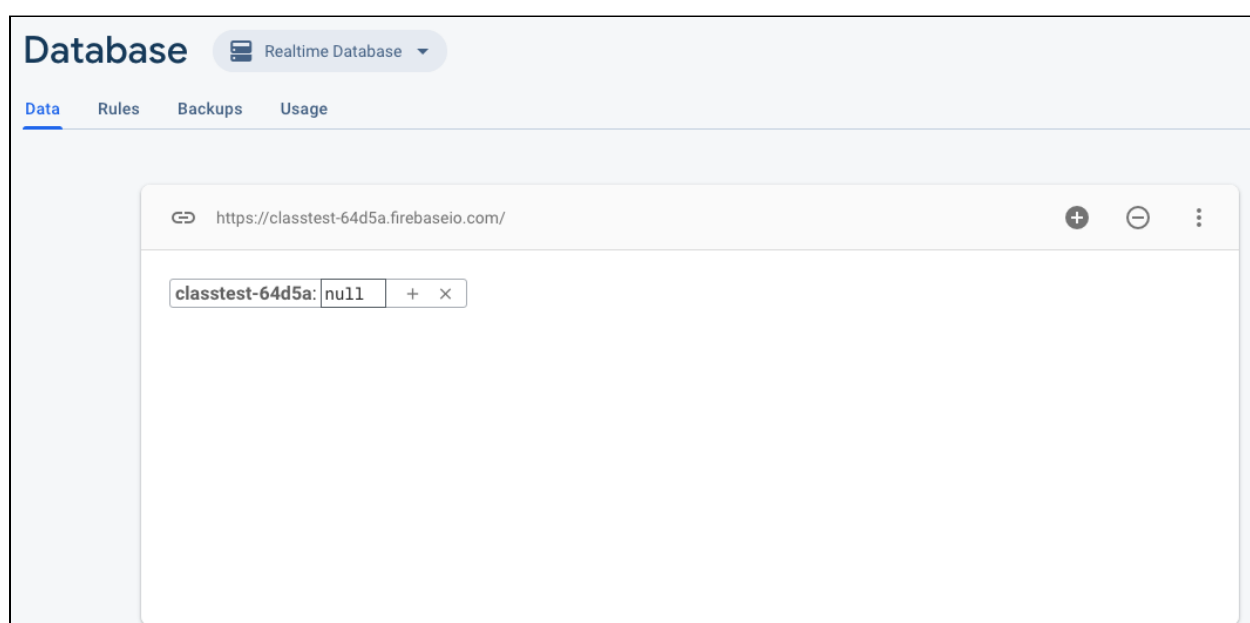
- Click on the dropdown which is shown in the following highlighted screenshot:



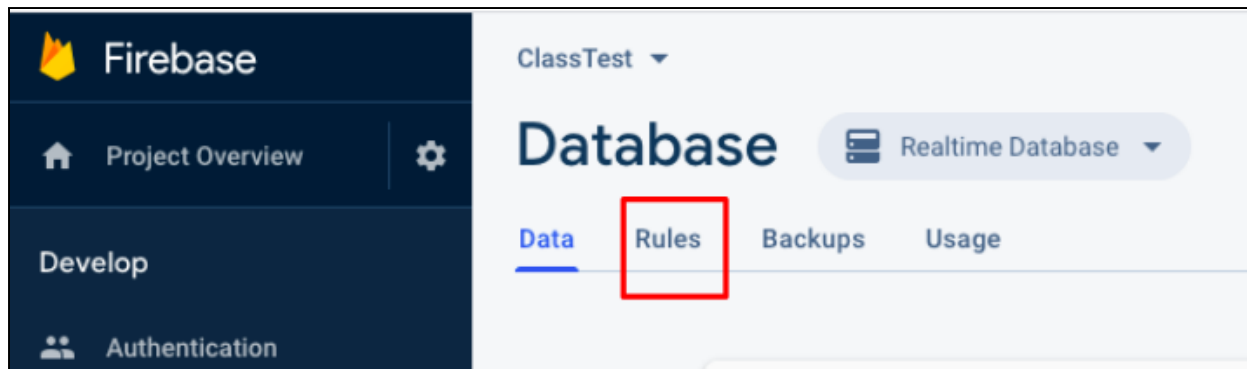
- Select Realtime Database.



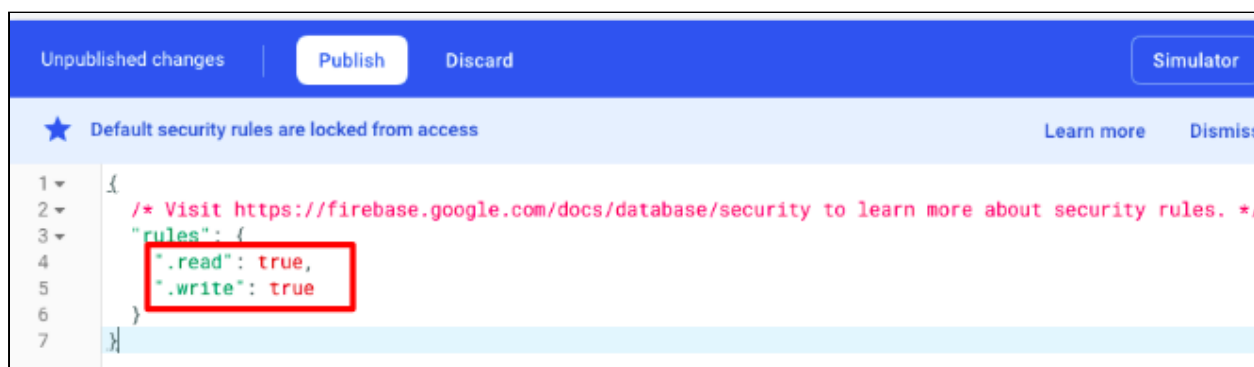
- We have made our database.



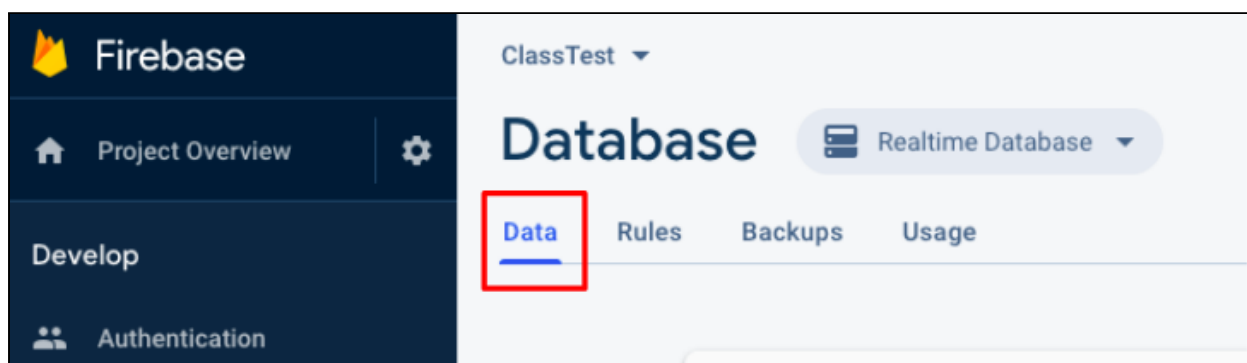
- Check the rules for reading and writing data in the firebase.



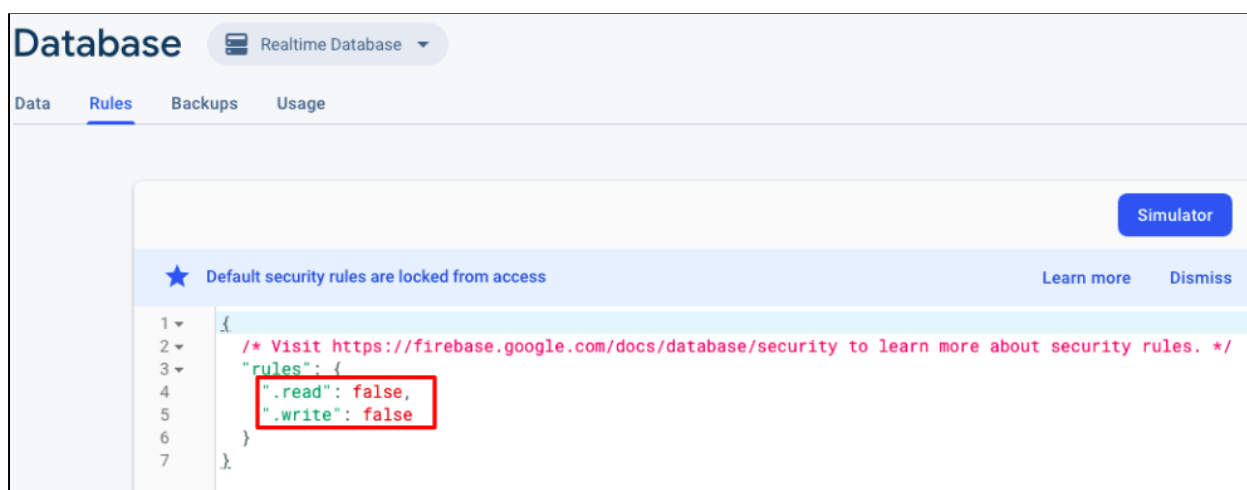
- If the rules are true like this:



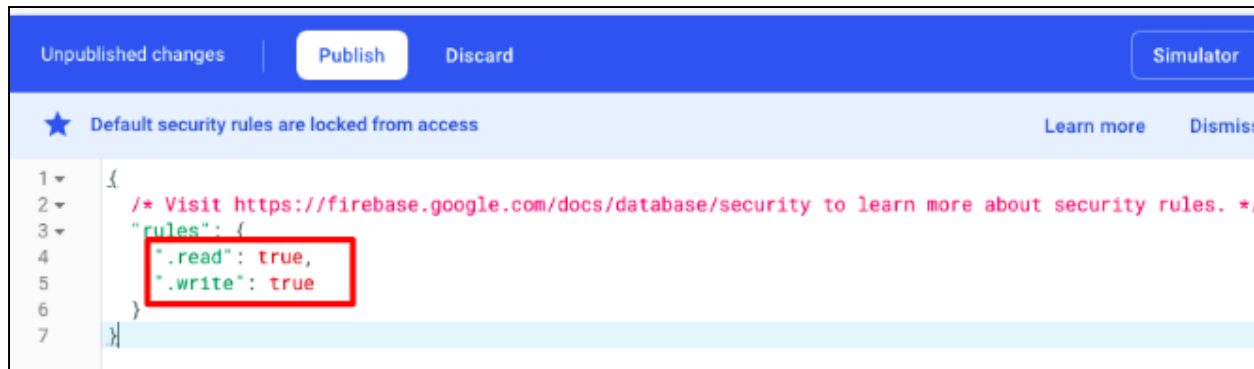
- Then come back on database, by clicking on data:



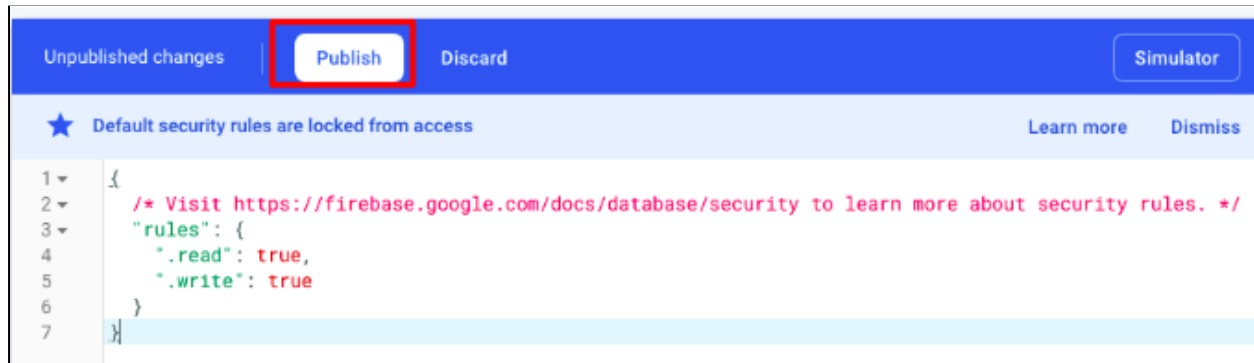
- If the rules are false like this:



- Then double click on the false, and change it to true, like this:



- Click on **Publish**:



- Then come back on the database, by clicking on **Data**.

