Create a New Firebase Project

This lesson explains how to generate a new Firebase project from the Firebase web console and connect your application.

We'll cover the following	∧

• Firebase Console
• Create a Project
• Name your Project
• Choose the Type of App
• Name Your App
• Connect Your Application
    • HTML Code
    • JavaScript Code	

The Firebase console is easy to get around with a modern friendly UI. We will start by signing into the Firebase console so you can get familiar with the dashboard. The next step is figuring out where to place Firebase's provided code inside your app. This is perhaps the most important part. Are you excited? You should be. Firebase is all you hoped for and much more. Let's make that first awe-inspiring step together.
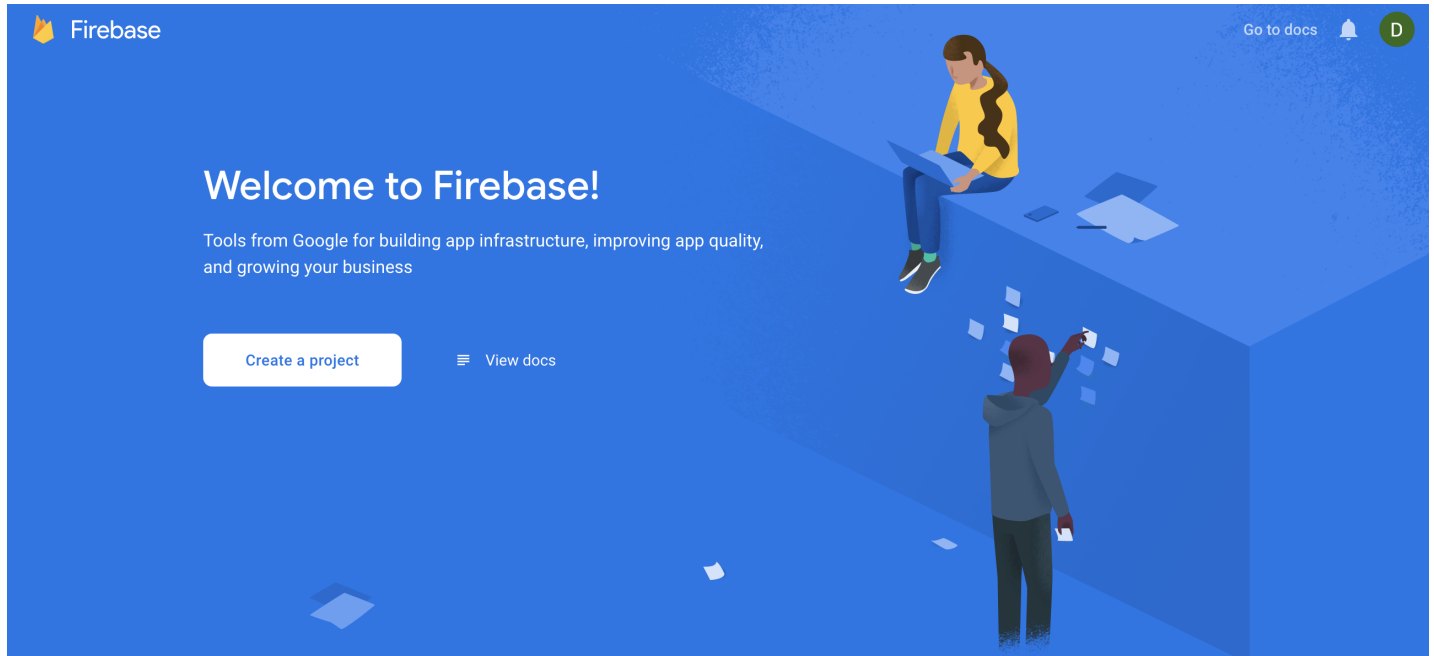
Firebase Console

Start by going to the firebase website: firebase.google.com then click on the `GO TO CONSOLE` link in the header of the site.
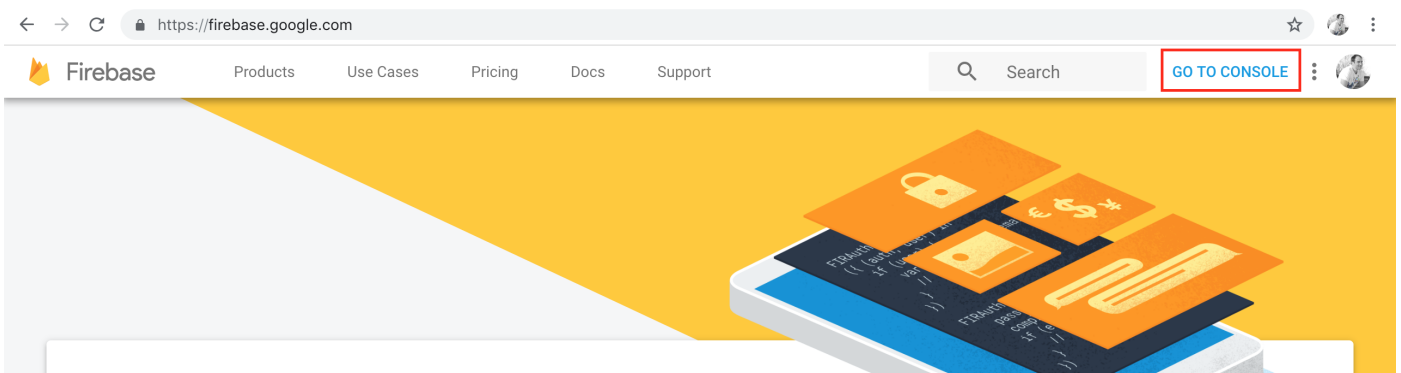
Create a Project

Create a new project by clicking on the `Create a project` card that has the big plus button above it.

Name your Project

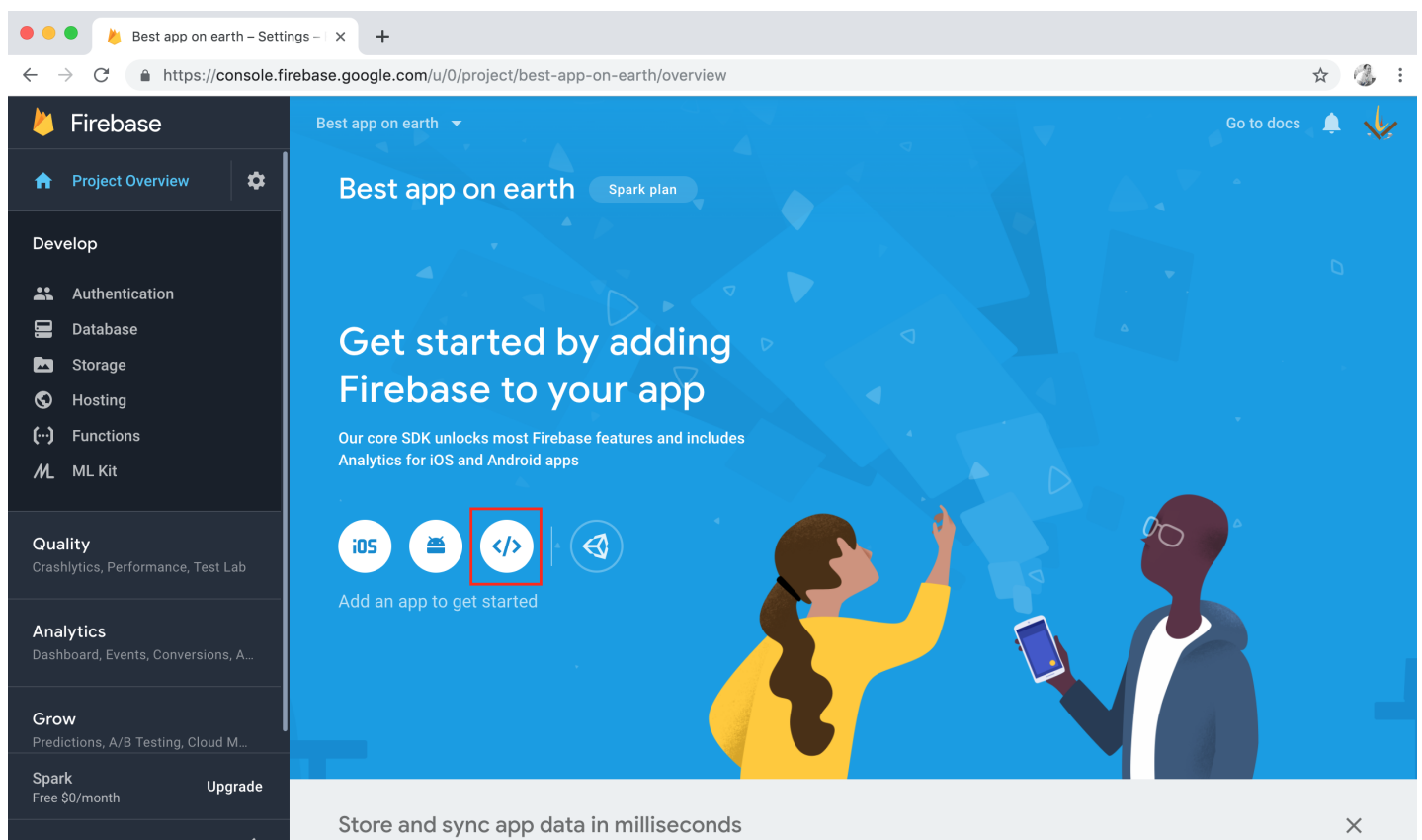Name your project. Check the *I accept the Firebase terms...*

You will see the message *your new project is ready*; click `continue` .
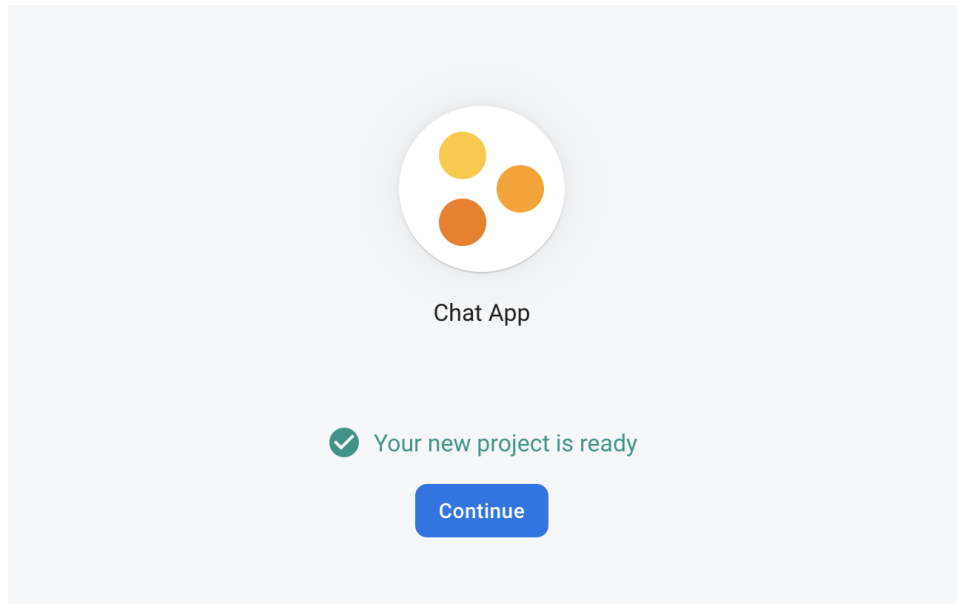
Choose the Type of App

There are different apps you can add to your project. We are adding a **web application**, which is done by clicking on the `</>` icon.
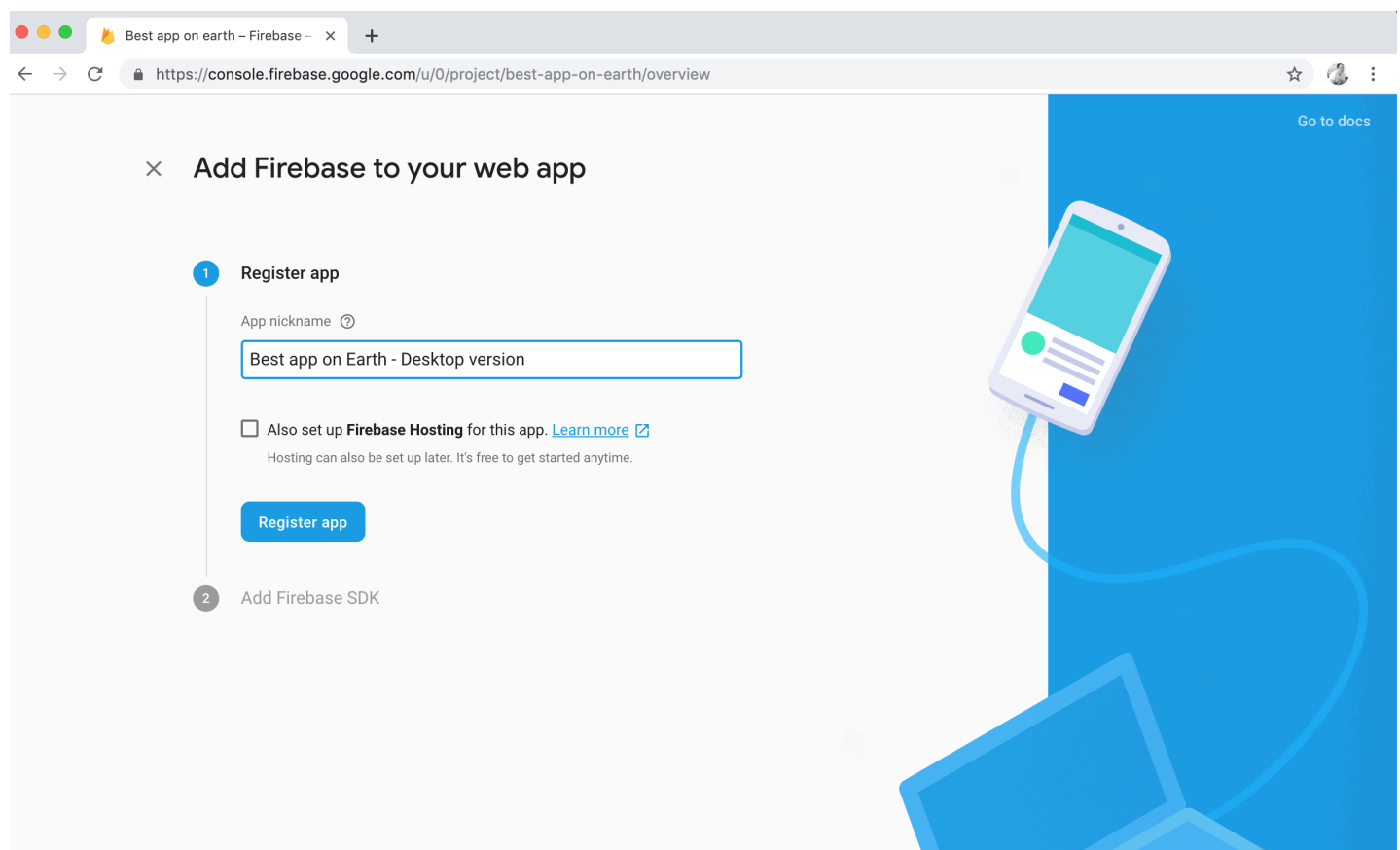

Name Your App

I am naming my app the exact same thing as my project but adding " - Desktop Version". You can choose a different naming convention, but this one is

straightforward and reduces confusion later. Do not check the box for hosting at this time. We will add hosting and deploy in a later lesson.
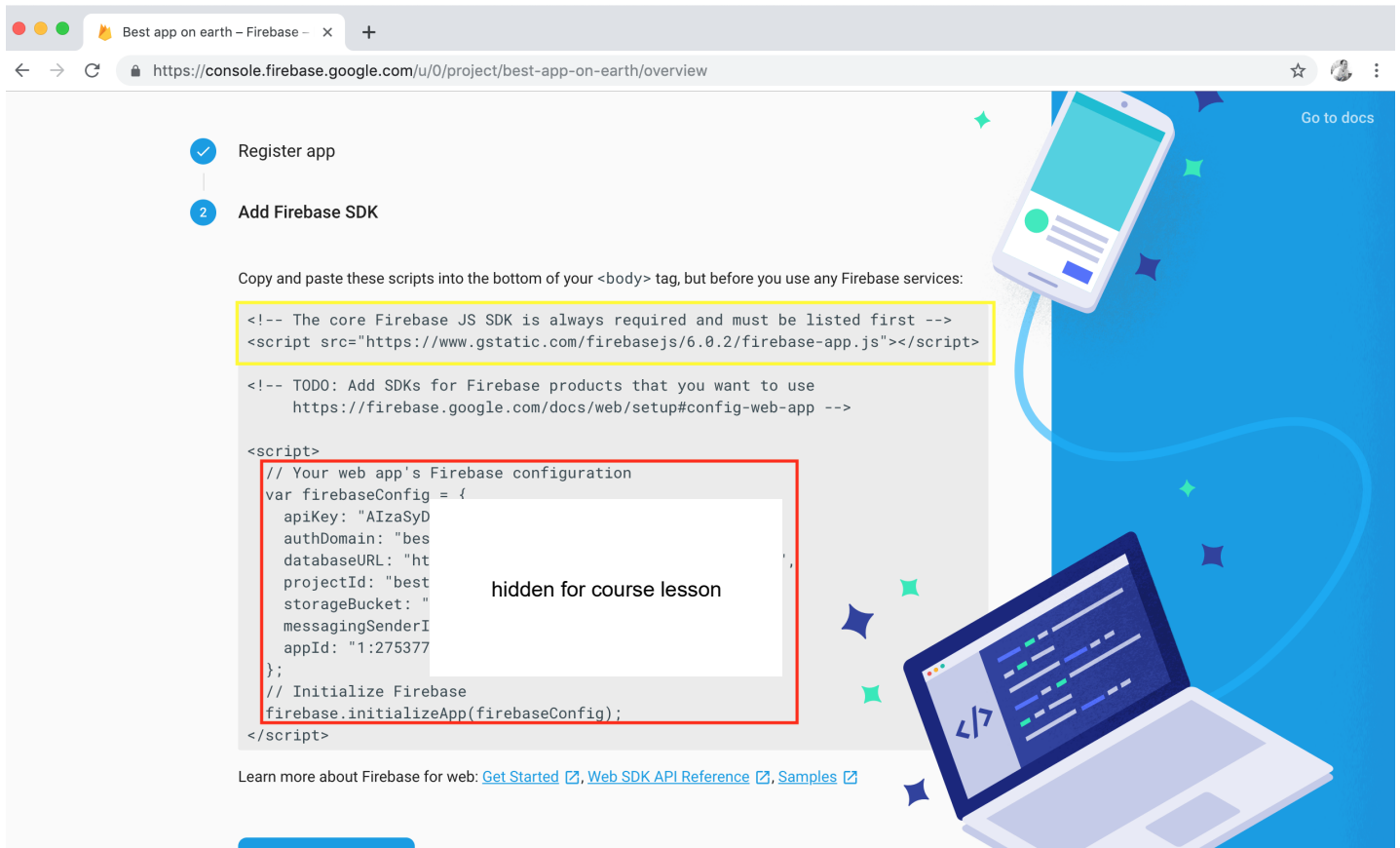
Click on the **Register app** button to proceed.

Connect Your Application

Once your app has been created take the code provided and place it in your HTML and JavaScript files.

> Please save all the values for the configuration keys somewhere. In future lessons, you will be asked to enter your Firebase credentials to run the application on this site.

HTML Code

We will add the code below to the head of our HTML file:

```html
<script src="https://www.gstatic.com/firebasejs/6.0.2/firebase-app.js"></script>
```

JavaScript Code

We will add the code below to the top of our JavaScript file. Yours, of course, will have your unique `apiKey`, `authDomain` -, etc.

```javascript
// Your web app's Firebase configuration
var firebaseConfig = {
  apiKey: "provided apiKey",
  authDomain: "provided authDomain",
  databaseURL: "provided databaseURL",
  projectId: "provided projectId",
  storageBucket: "provided storageBucket",
  messagingSenderId: "provided messagingSenderId",
  appId: "provided appId"
}
// Initialize Firebase
firebase.initializeApp(firebaseConfig);
```

Once you land on the screen it means you have made it through the first lesson.
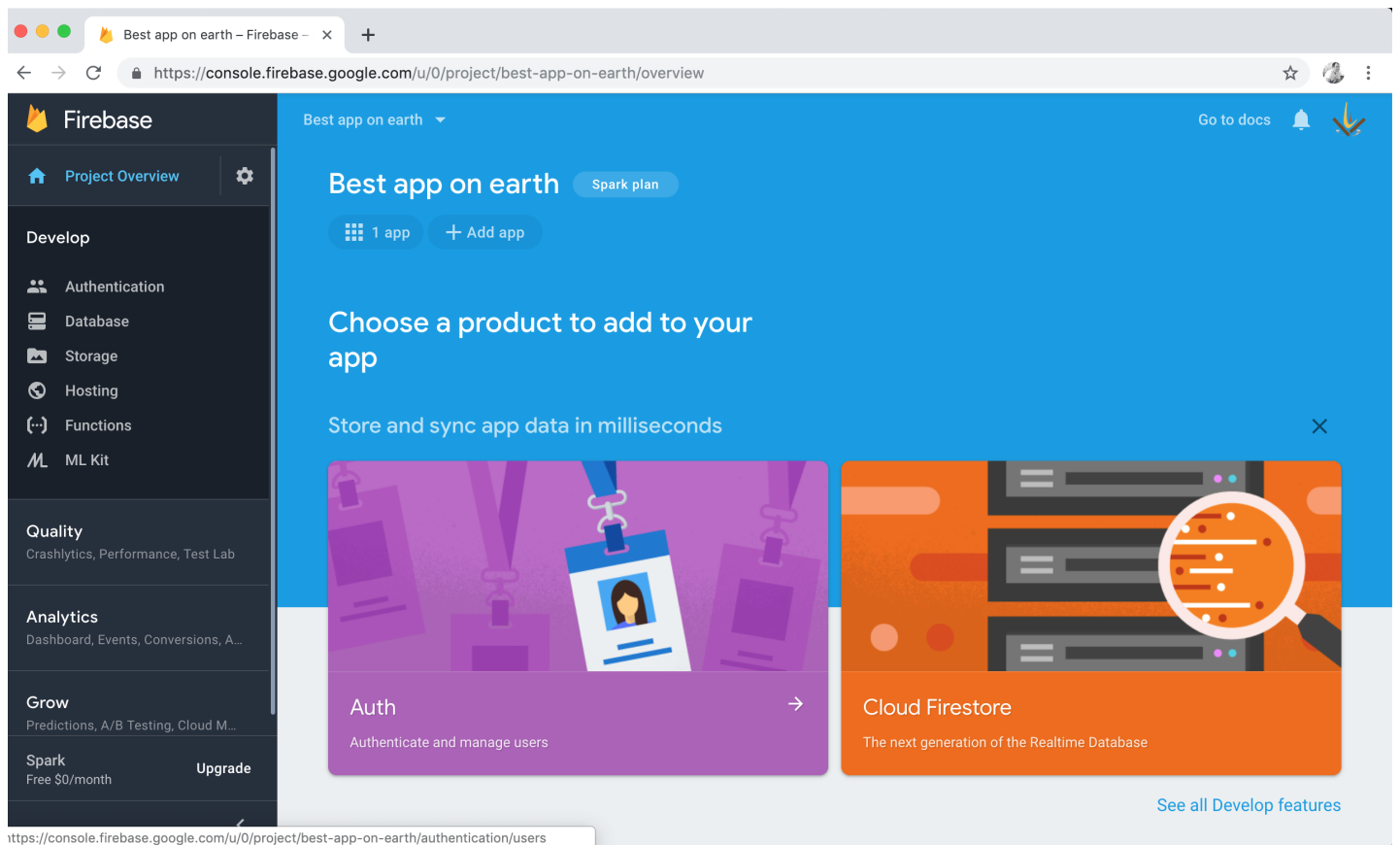
In the next lessons, we will start using the Cloud Firestore database!