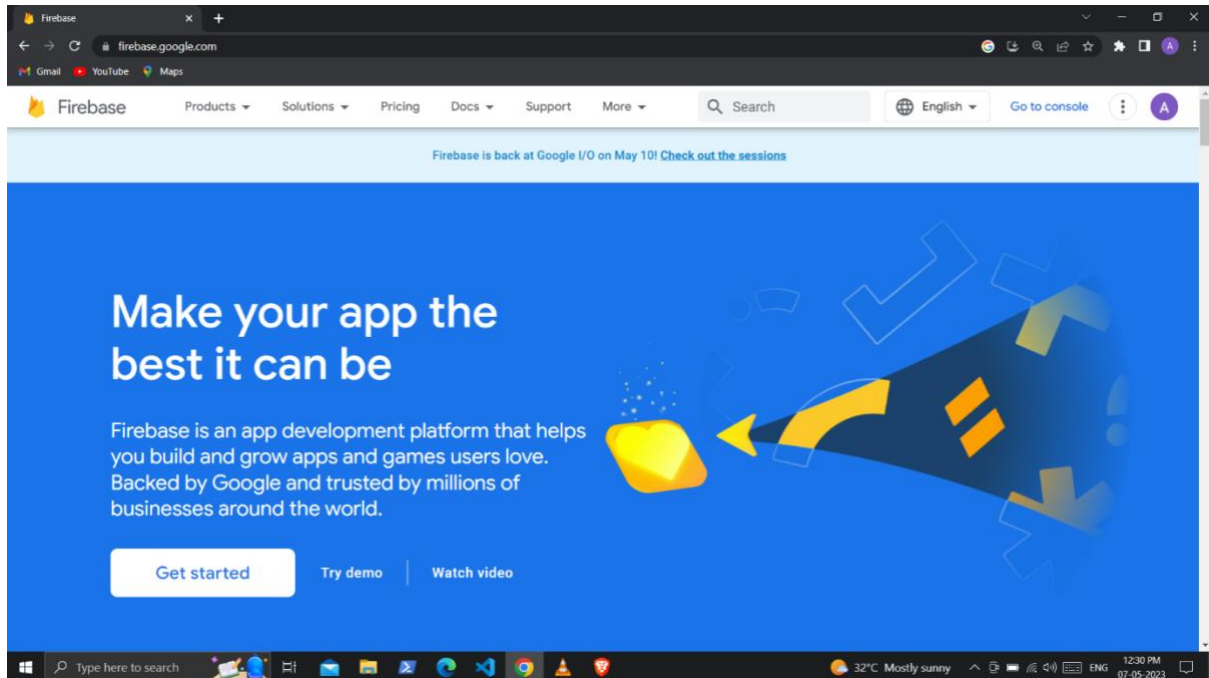
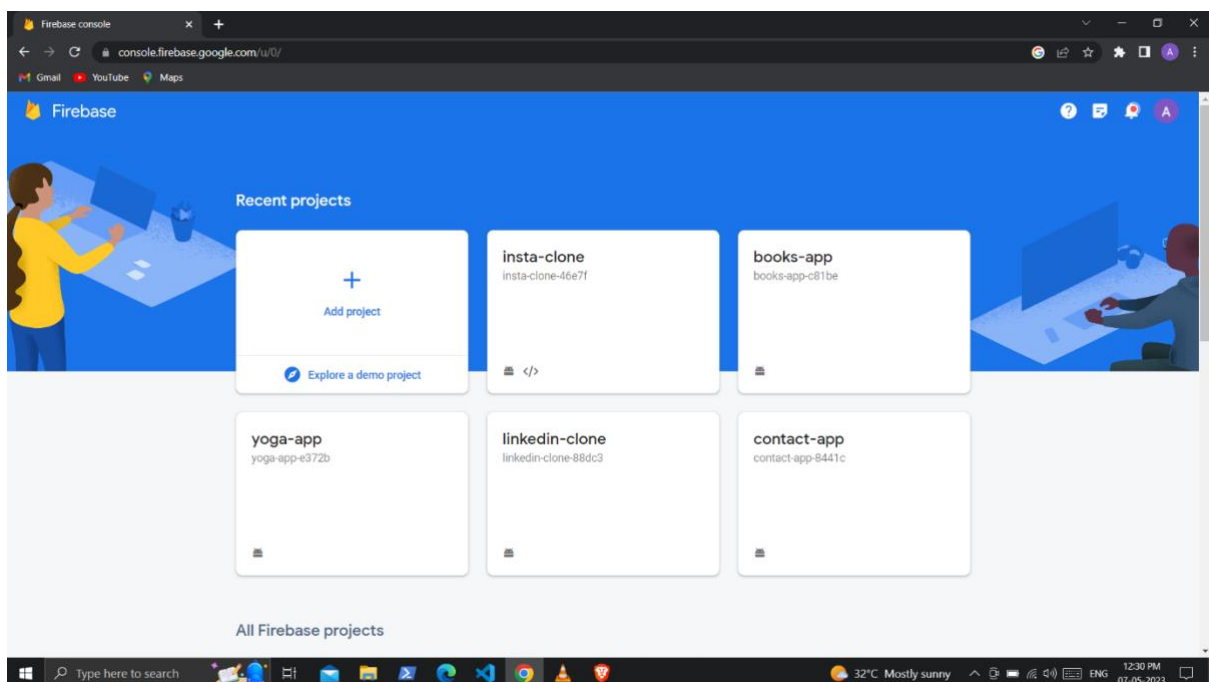


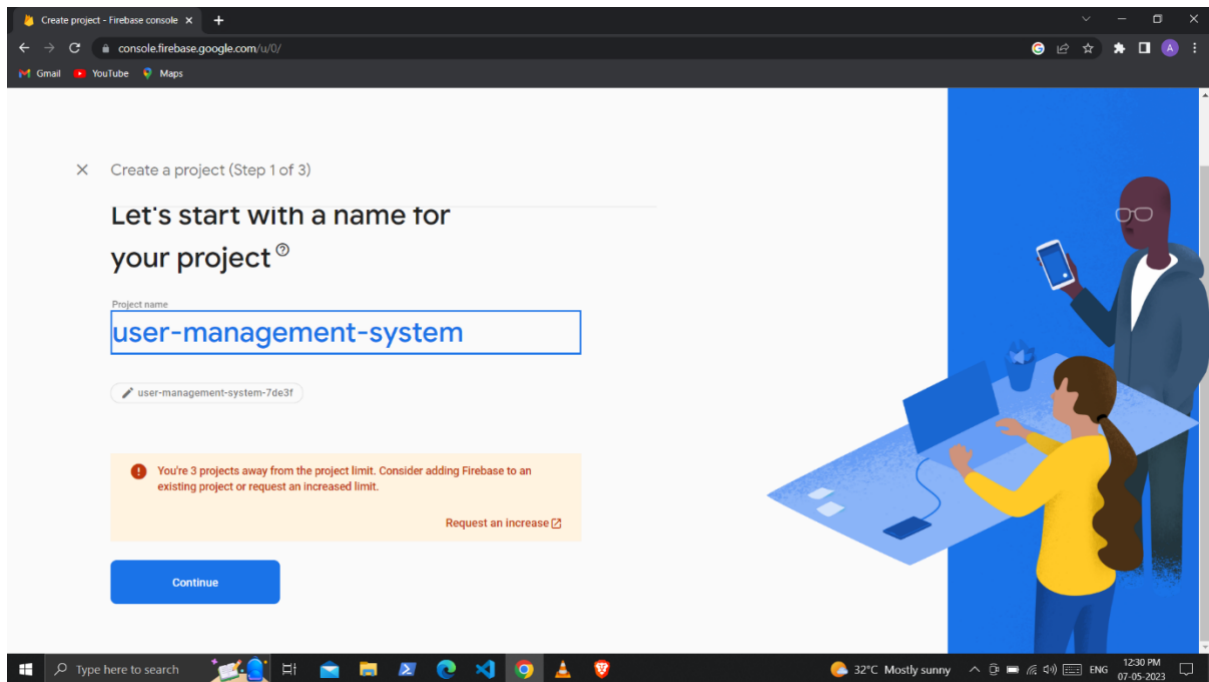
- 1] Create an account on firebase
- 2] After finishing with the signup part you will see this screen, simply click on “Go to console” button.



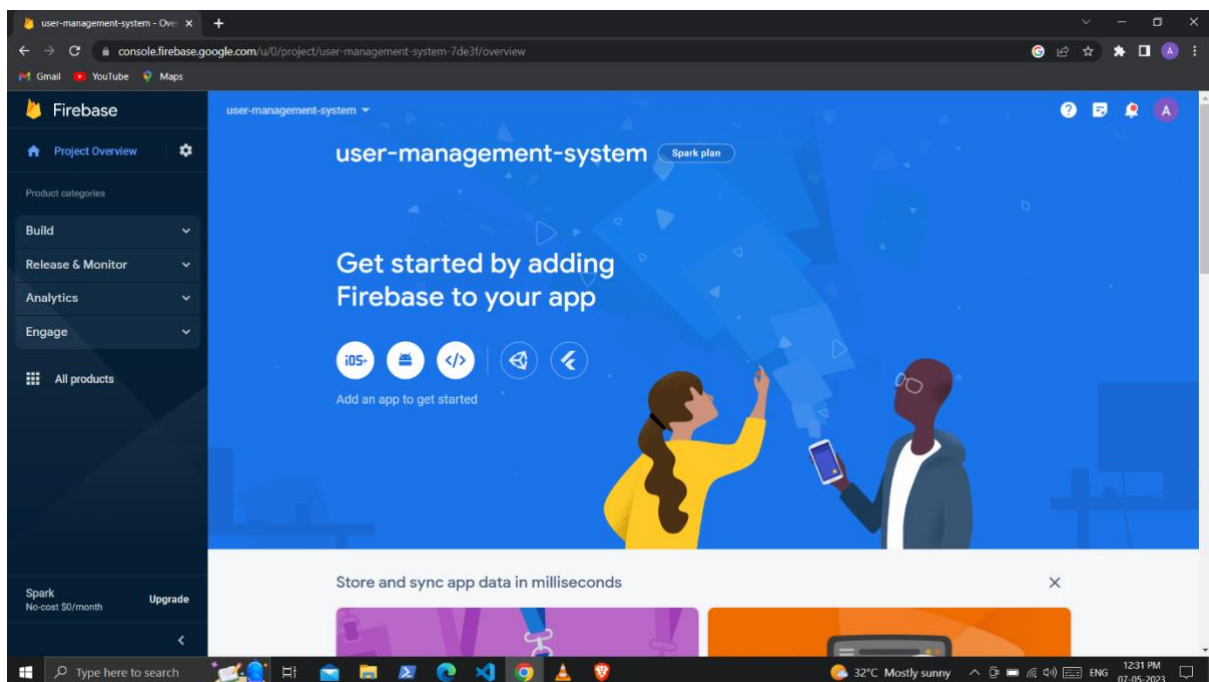
- 3] click on Add project component to add a new project



- 4] Enter your project name and click on continue, In the next screen it will say to enable the analytics but the analytics is not needed to our project so you can disable it and click on next.



5]After that this type of screen will be appeared there you can see the web icon (</>) simply click on it.



6]Fill the necessary details and click on register app there you will get the credentials and api keys for our application scroll down and click on continue to console.

The image consists of two screenshots of the Firebase console interface, showing the process of adding Firebase to a web application.

Top Screenshot: Add Firebase to your web app

- The page title is "Add Firebase to your web app".
- Step 1: Register app. The app nickname is "user-management".
- There is a checkbox for "Also set up Firebase Hosting for this app." with a "Learn more" link.
- A "Register app" button is present.
- Step 2: Add Firebase SDK.

Bottom Screenshot: Add Firebase SDK

- Instructions: "If you're already using [npm](#) and a module bundler such as [webpack](#) or [Rollup](#), you can run the following command to install the latest SDK ([Learn more](#)):"
- Terminal command: `$ npm install firebase`
- Text: "Then, initialize Firebase and begin using the SDKs for the products you'd like to use."
- Code block showing the initialization of Firebase in a web application:

```
// Import the functions you need from the SDKs you need
import { initializeApp } from "firebase/app";
// TODO: Add SDKs for Firebase products that you want to use
// https://firebase.google.com/docs/web/setup#available-libraries

// Your web app's Firebase configuration
const firebaseConfig = {
  apiKey: "AIzaSy8SEfvazTb0K0WxeVvZIRN6AvaKzpju8Q",
  authDomain: "user-management-system-7de3f.firebaseio.com",
  projectId: "user-management-system-7de3f",
  storageBucket: "user-management-system-7de3f.appspot.com",
  messagingSenderId: "1050980162791",
  appId: "1:1050980162791:web:be5d932825a0896a169642"
};

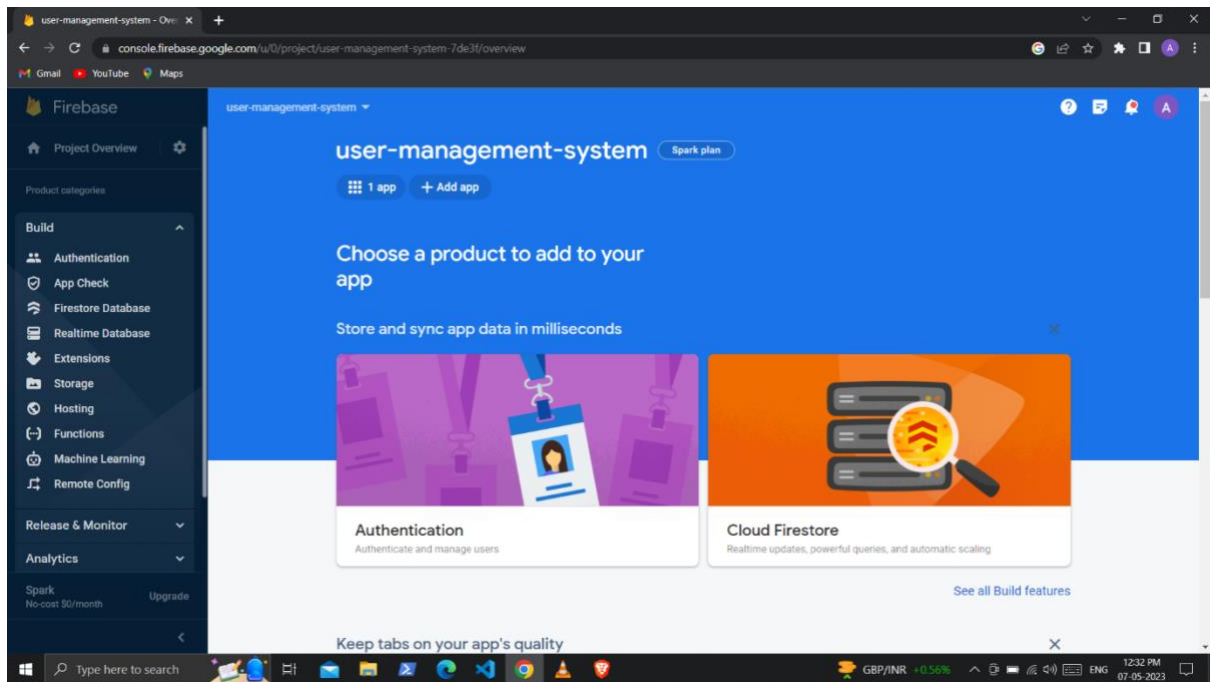
// Initialize Firebase
const app = initializeApp(firebaseConfig);
```

Note: This option uses the [modular JavaScript SDK](#), which provides reduced SDK size.

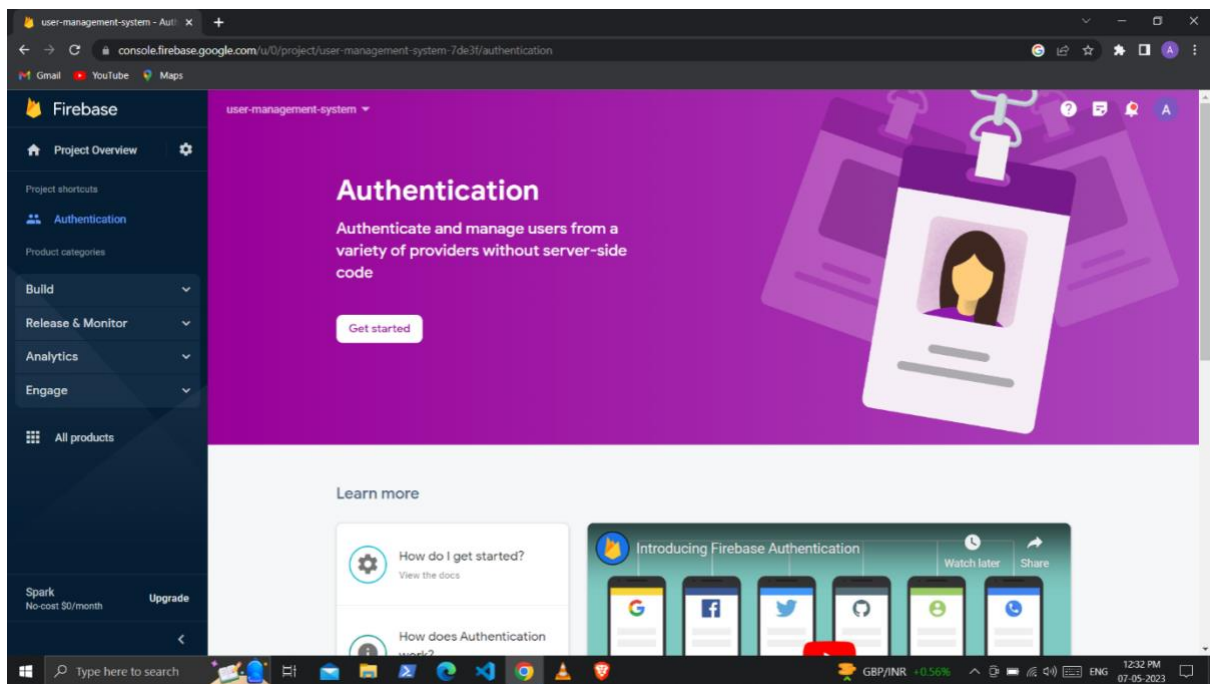
Learn more about Firebase for web: [Get Started](#), [Web SDK API Reference](#), [Samples](#)

A "Continue to console" button is at the bottom.

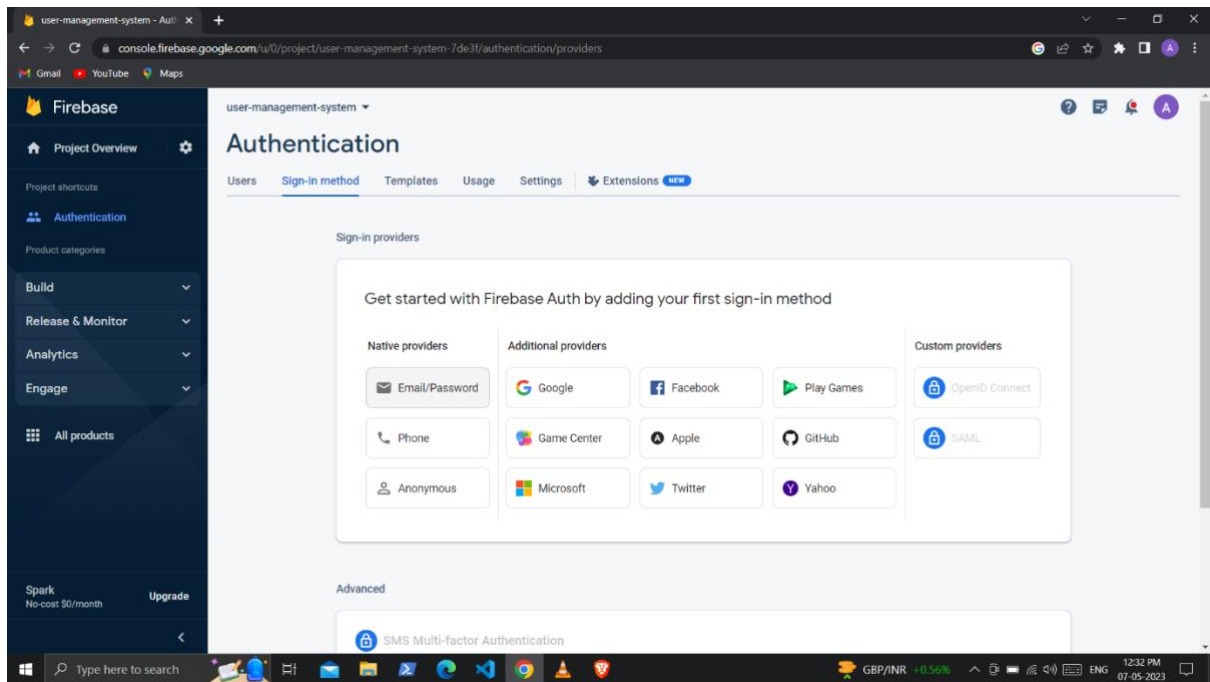
7] On this page click on the build section and click the authentication part. This will add the authentication services to our application



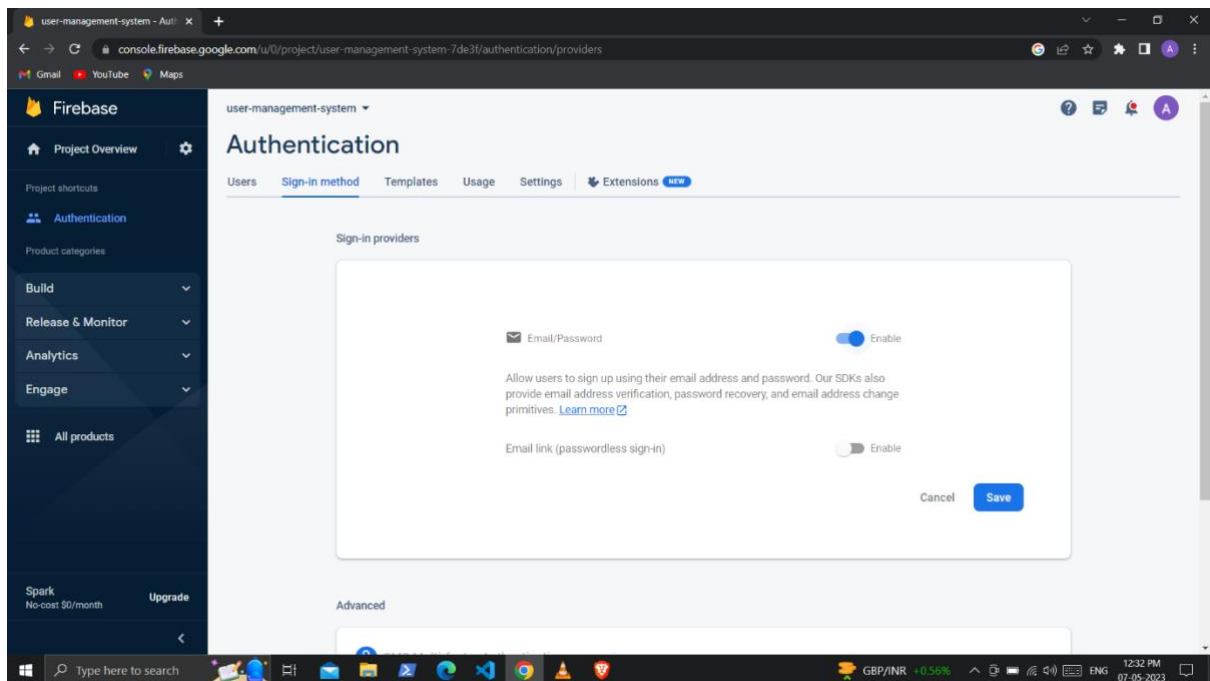
Click on get started.

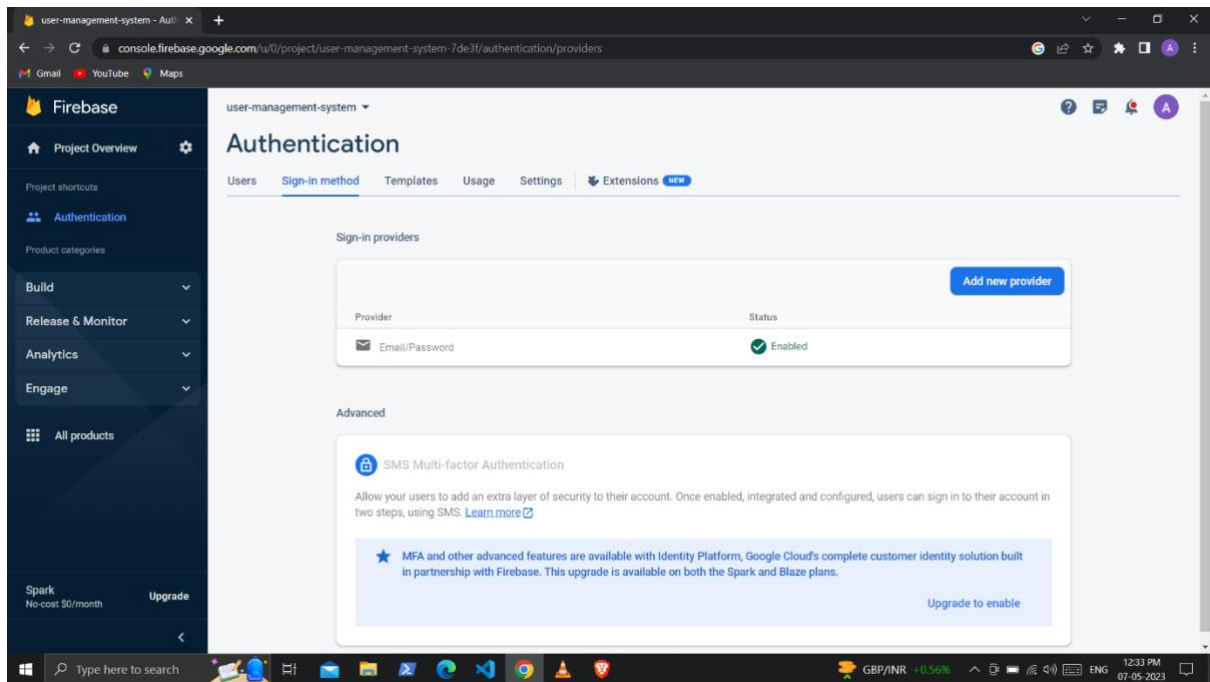


Select email and password

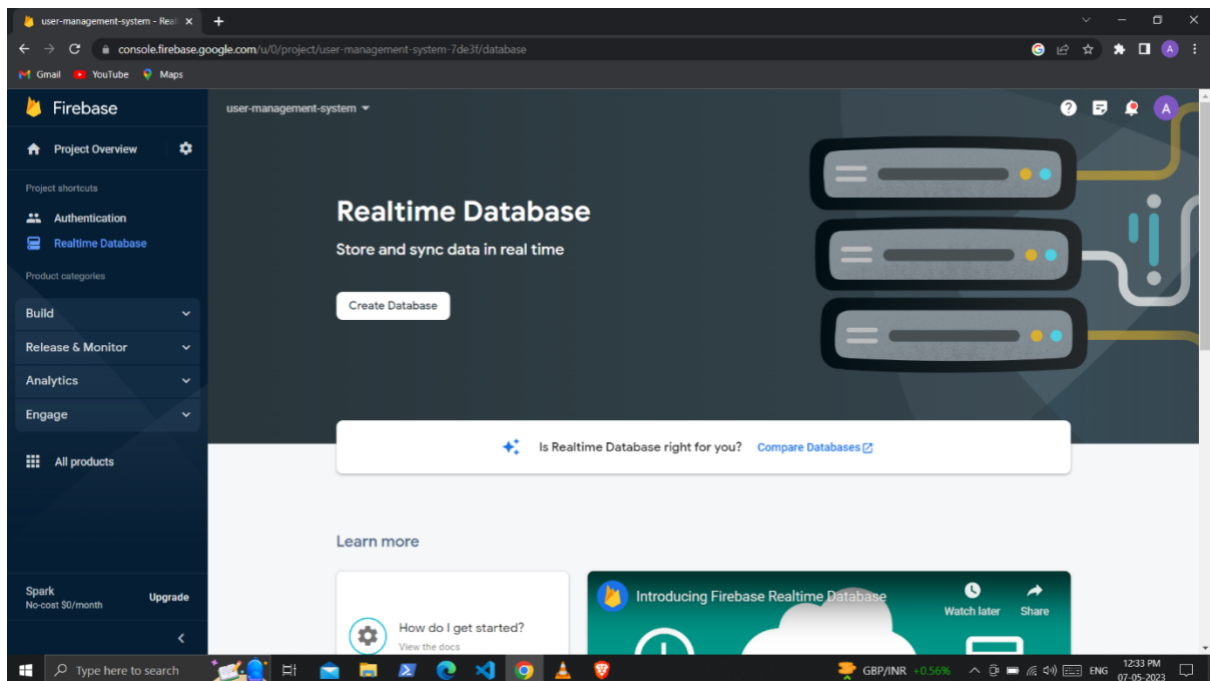


Disable email links and save and your email services will be added

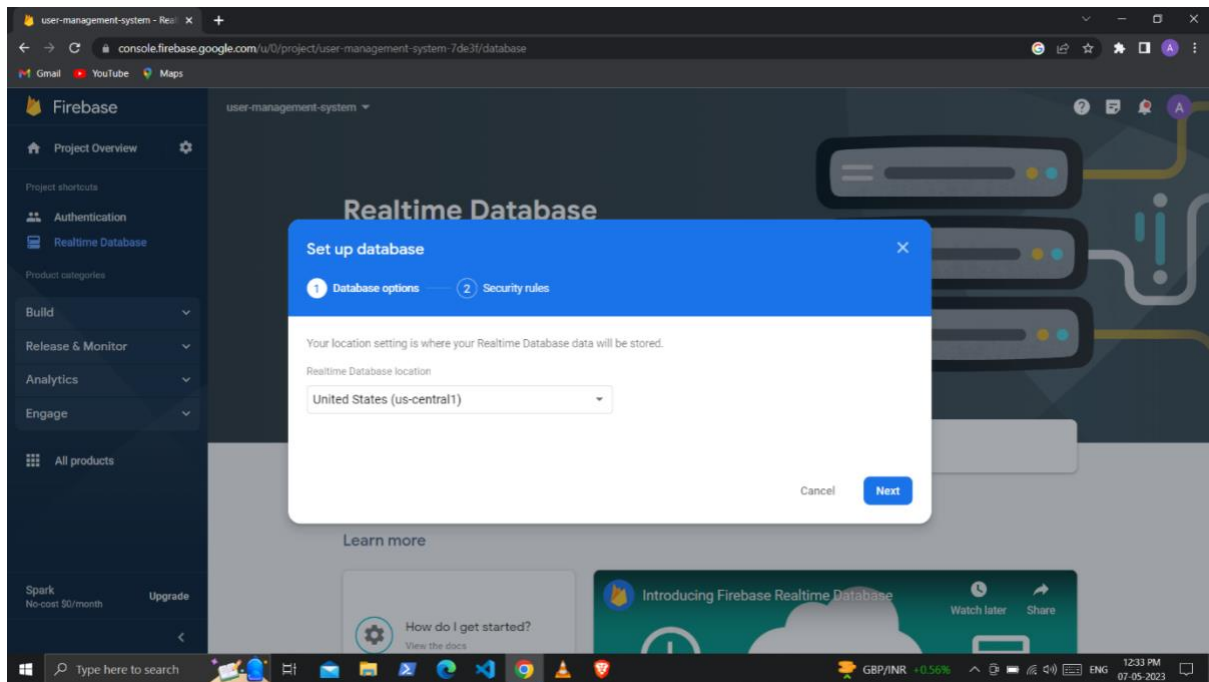




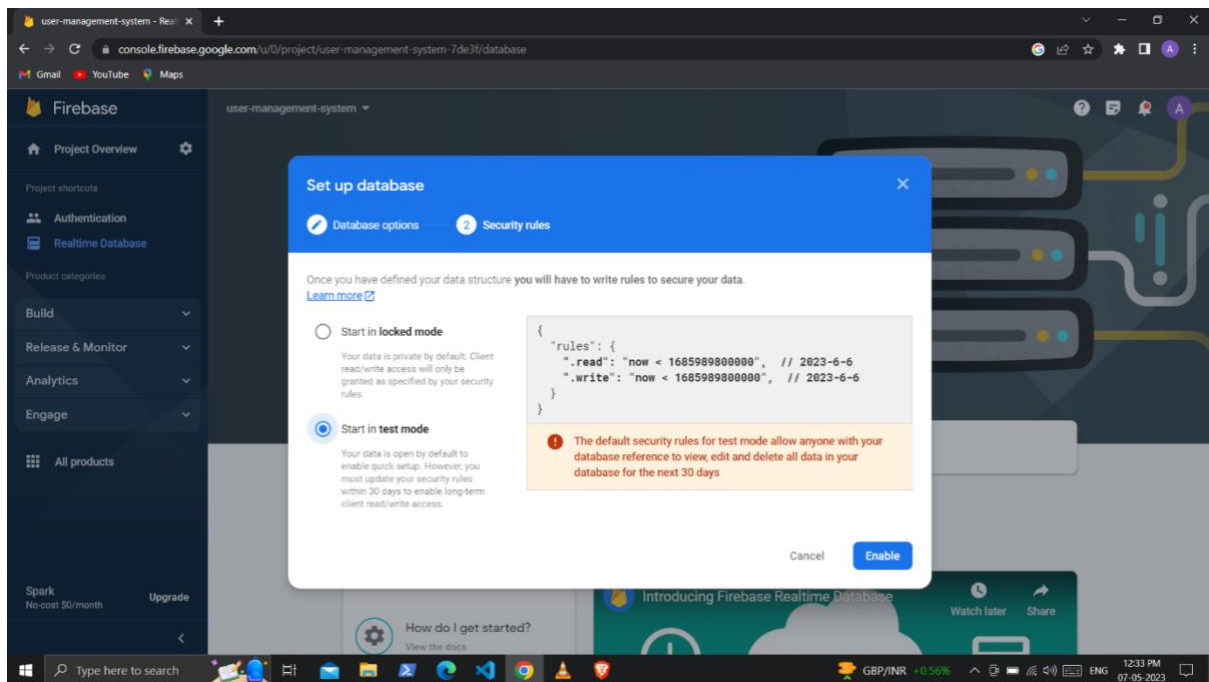
8] Repeat the same procedure click on the build and this time select the real-time Database And click the ‘Create Database’.



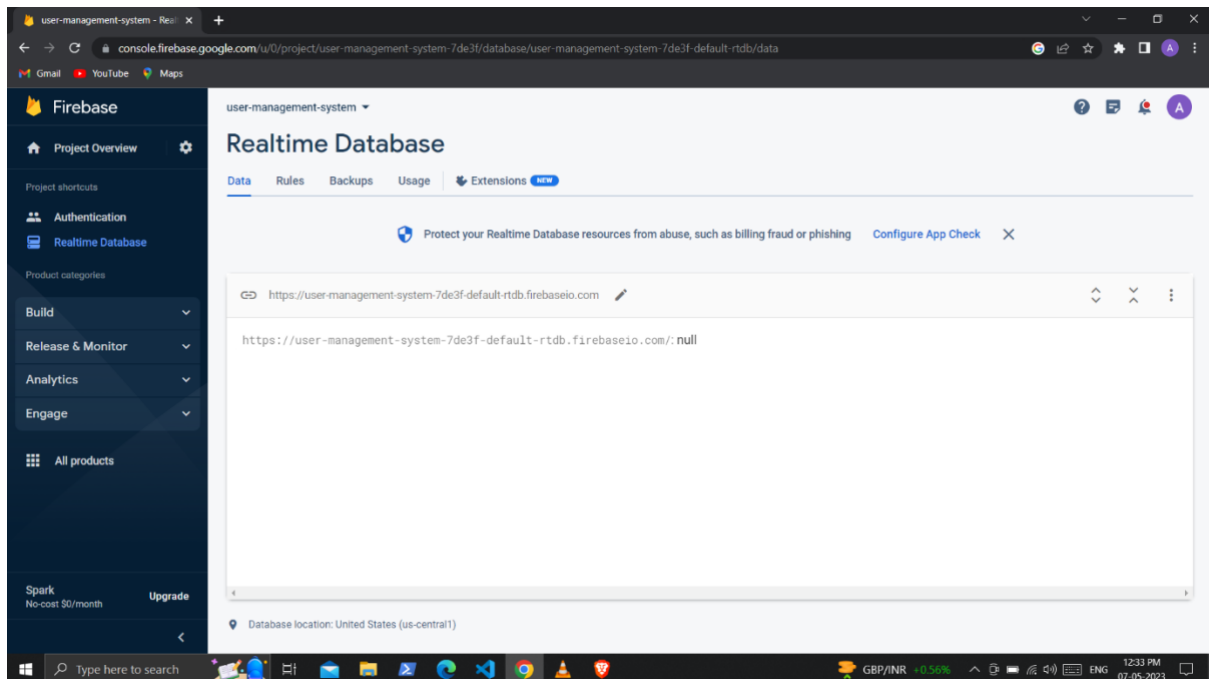
Keep the location of server as it is no need to change



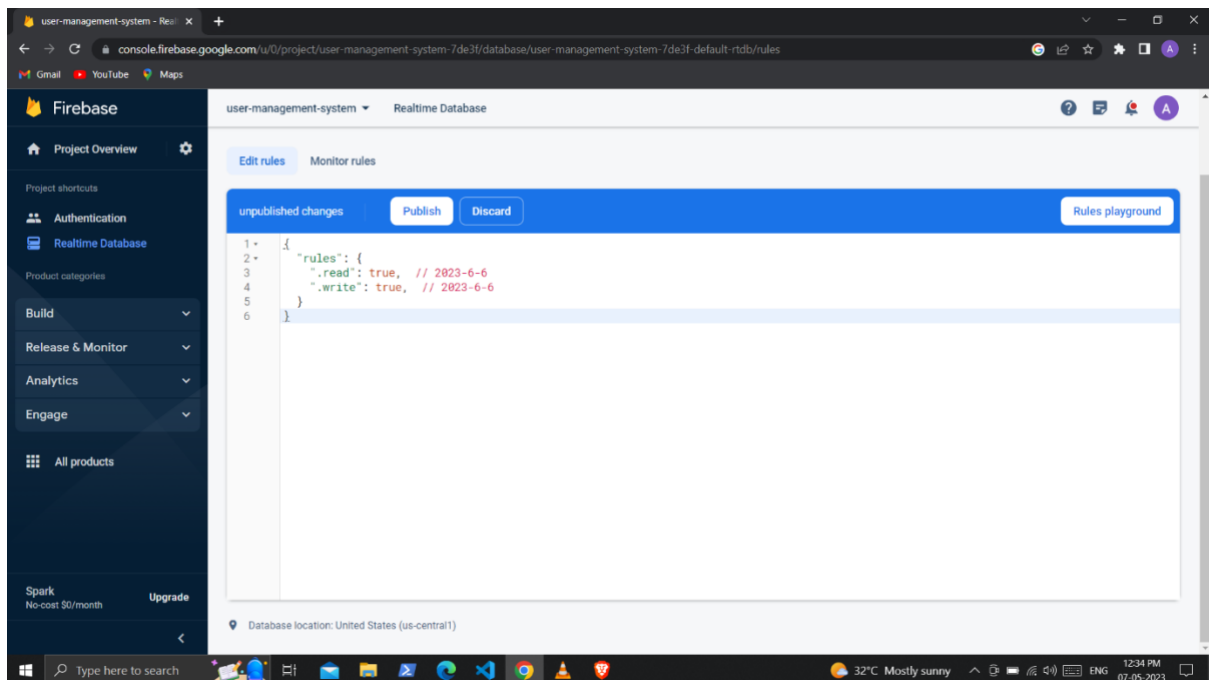
Start the database in test mode and enable



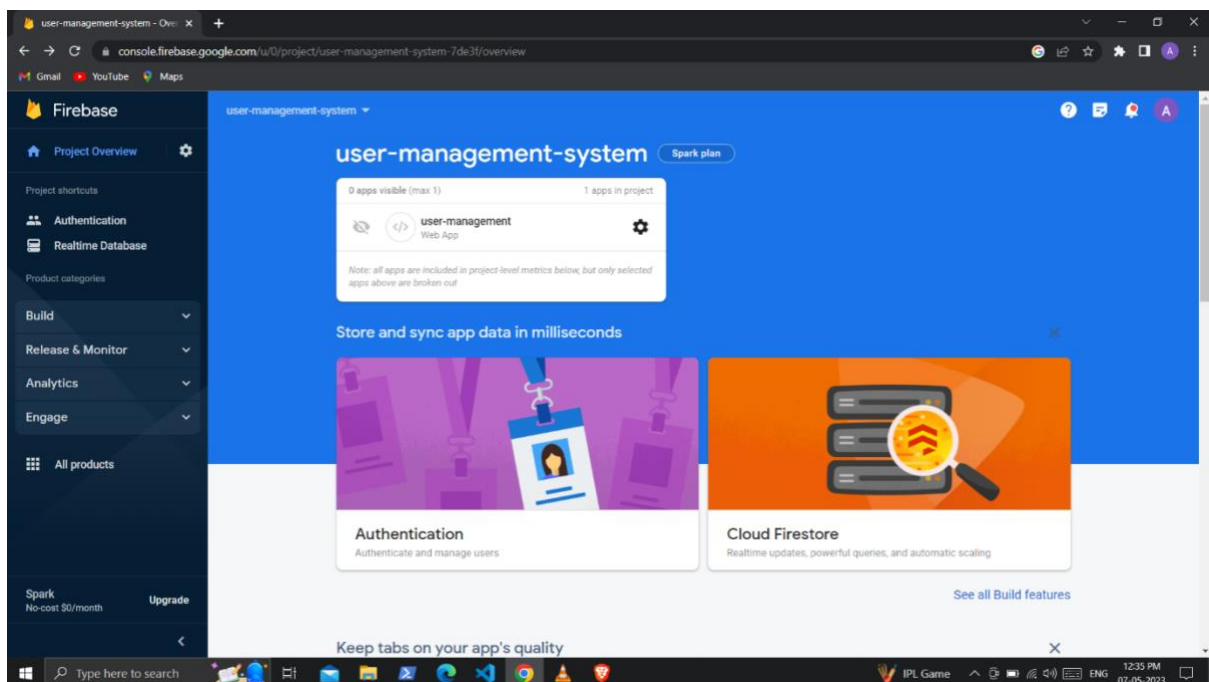
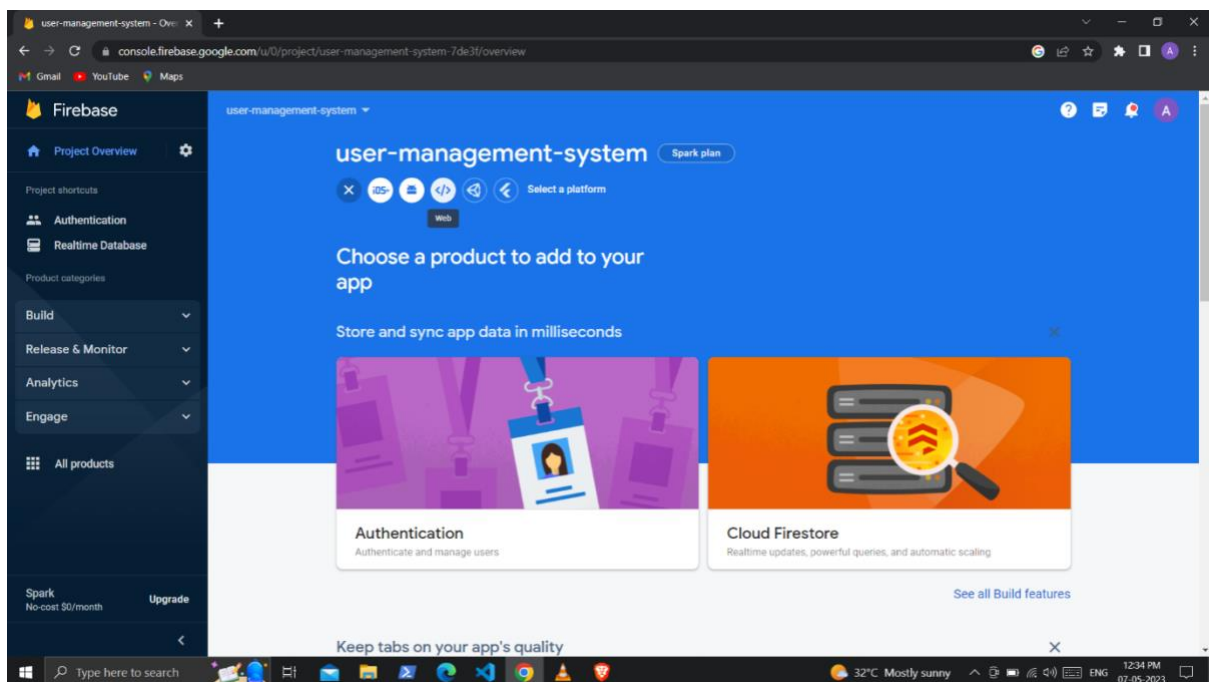
It will look like this

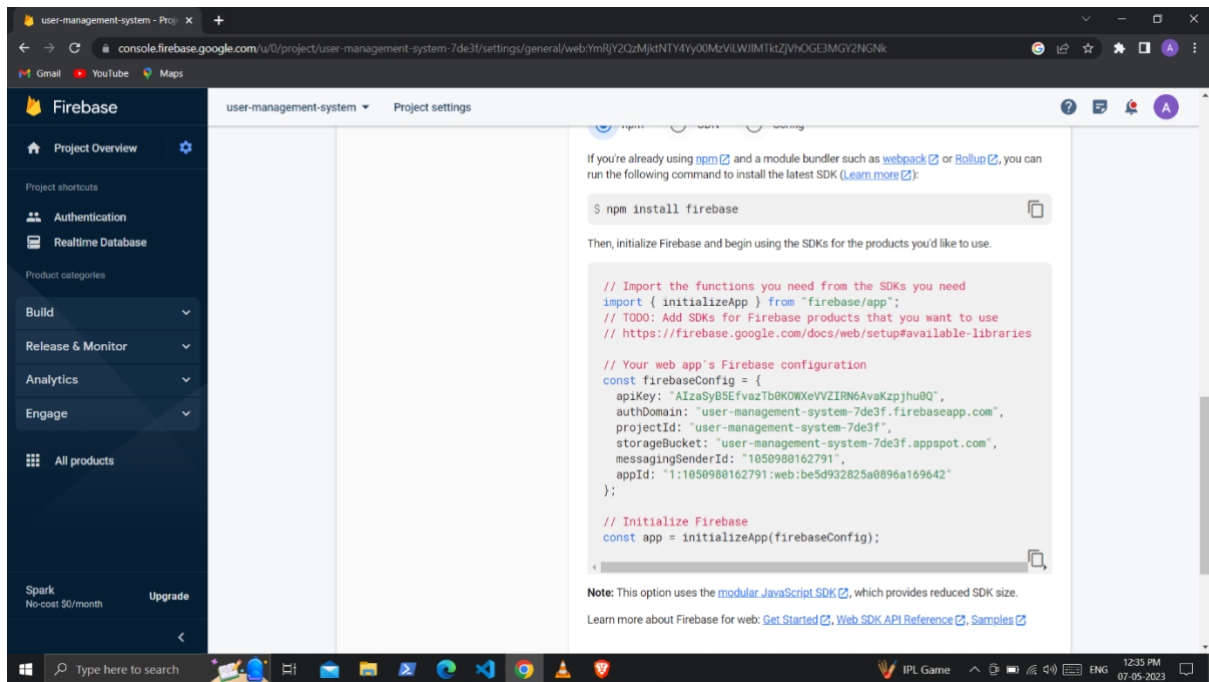


9] On the above screen click on rules section and edit the rules as shown below and then click on publish button



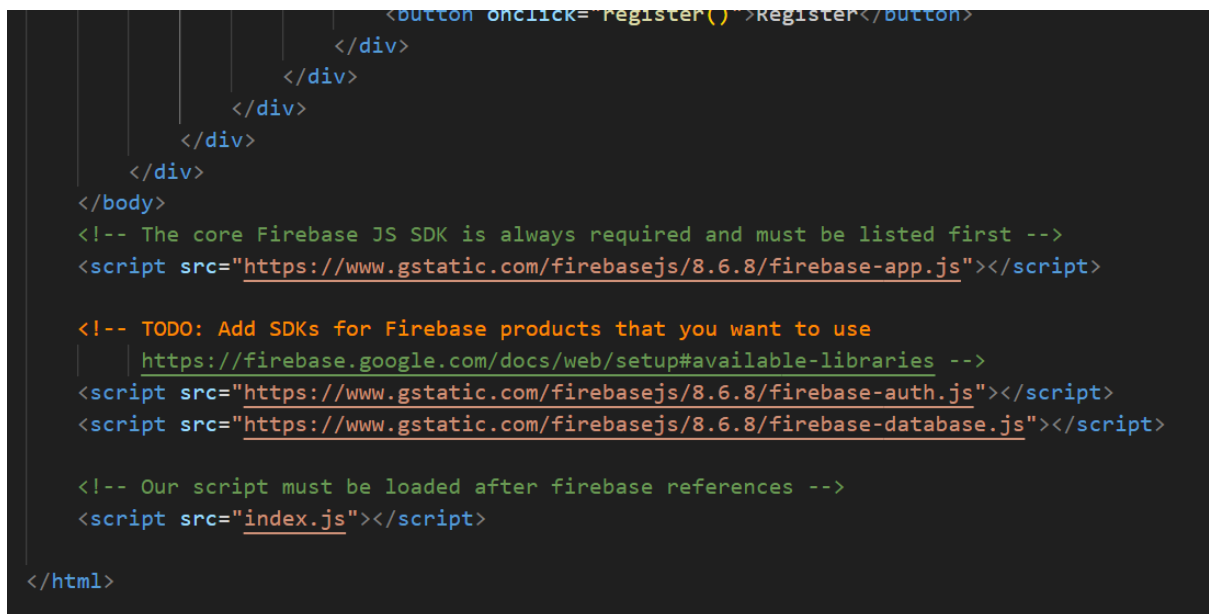
10] If you forgot the credentials of our firebase app then simply go to the Project overview of our project located below the Firebase icon. There click on the web icon and then click on the settings icon scroll down you can see your credentials



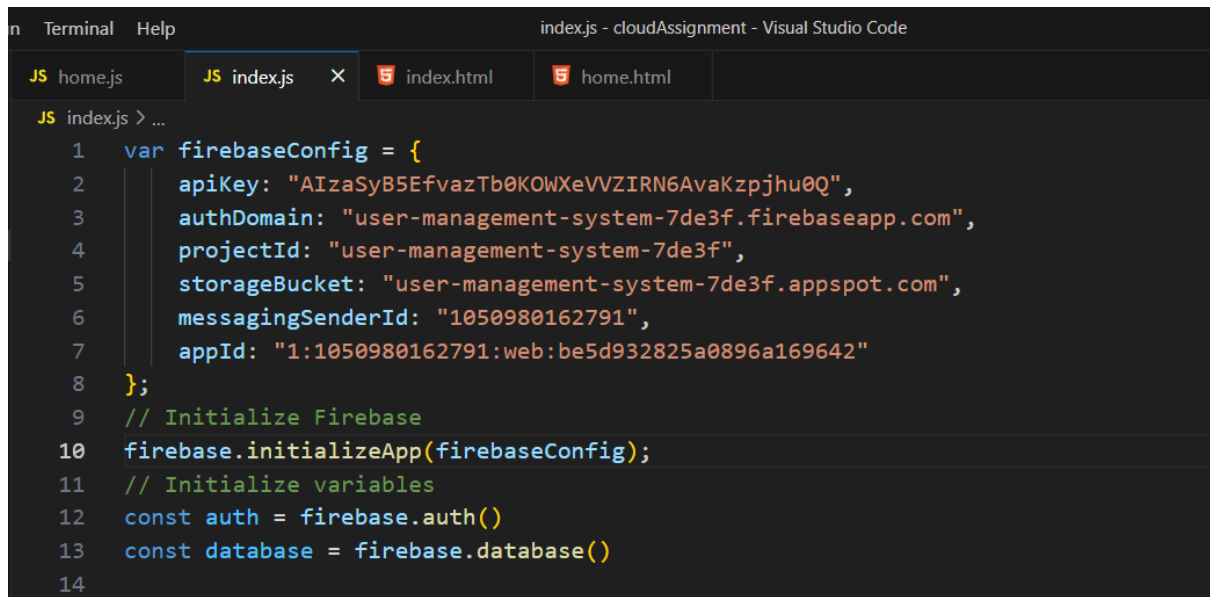


To configure firebase into our application we have to add the sdk of firebase and these above credentials

1] Add the sdk of firebase to the html files above the script tag



2]Add the credentials to the JavaScript files



The screenshot shows the Visual Studio Code editor interface. The top bar indicates the file is 'index.js - cloudAssignment - Visual Studio Code'. The Explorer sidebar on the left shows a file structure with 'home.js', 'index.js', 'index.html', and 'home.html'. The 'index.js' file is open in the editor, displaying the following JavaScript code:

```
1  var firebaseConfig = {
2      apiKey: "AIzaSyB5EfvaZTb0K0WxeVVZIRN6AvaKzpjhu0Q",
3      authDomain: "user-management-system-7de3f.firebaseio.com",
4      projectId: "user-management-system-7de3f",
5      storageBucket: "user-management-system-7de3f.appspot.com",
6      messagingSenderId: "1050980162791",
7      appId: "1:1050980162791:web:be5d932825a0896a169642"
8  };
9  // Initialize Firebase
10 firebase.initializeApp(firebaseConfig);
11 // Initialize variables
12 const auth = firebase.auth()
13 const database = firebase.database()
14
```