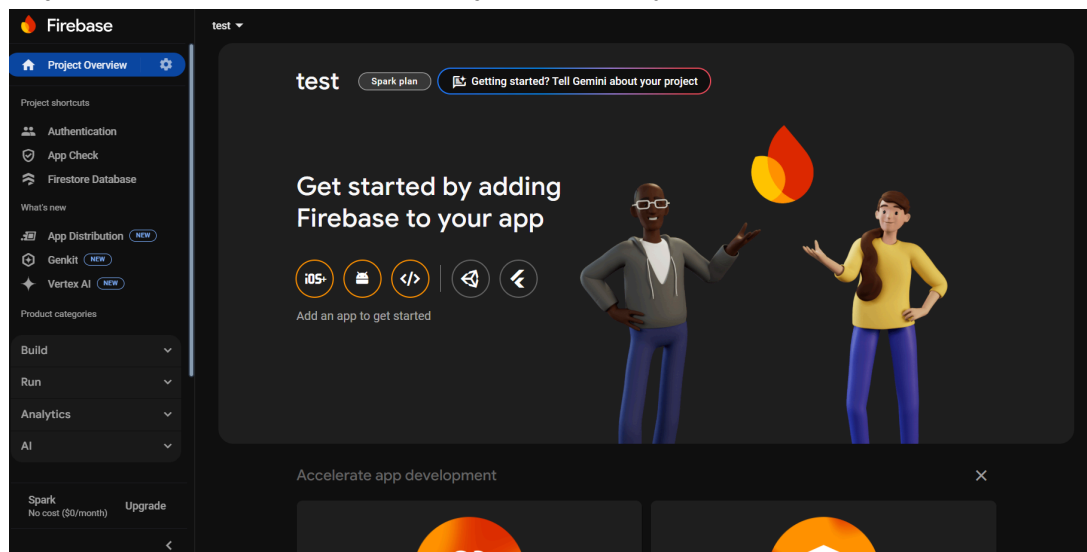


## Installation & Setup Guide

1. Make sure you have already installed Node and NPM on your laptop. To check your Node version, run the command on the terminal: `node -v`.
2. You may use any IDE to run this project. In this example, we will use VS Code. In your terminal, navigate to the root directory of the project (the directory where you save this project).
3. Navigate to `/frontend` by running the command on the terminal: `cd frontend`.
4. Run command to install the dependencies required for this project: `npm install`.
5. Once you have set up successfully, you should be able to run the project using the following command: `npm run dev`.

## Firebase Configuration

1. Go to Firebase Console: <https://console.firebase.google.com/u/0/> and create a new project. You could customize the project name on your own.



2. To get started, you need to add Firebase to your app. Select the “Web” app and register it.

## × Add Firebase to your web app

✓ Register app

2 Add Firebase SDK

☒ Use npm ☐ Use a <script> tag

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](#)):

```
$ npm install firebase
```

Then, initialise Firebase and begin using the SDKs for the products that you'd like to use.

```
// 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 = {
```

3. Copy the Firebase configuration (only the highlighted code) and replace the code in `src/config/firebase.ts` file.

Then, initialise Firebase and begin using the SDKs for the products that you'd like to use.

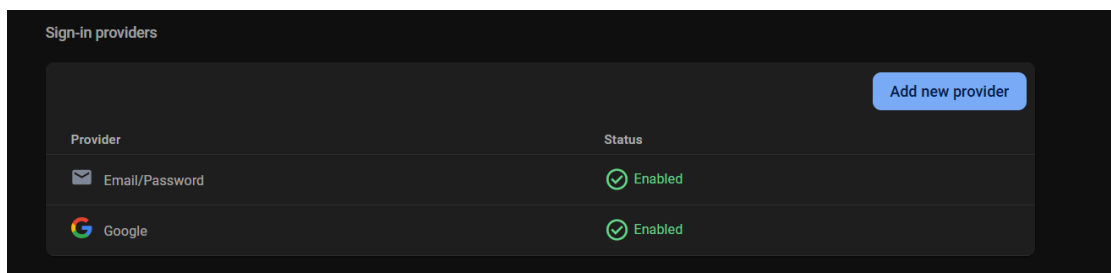
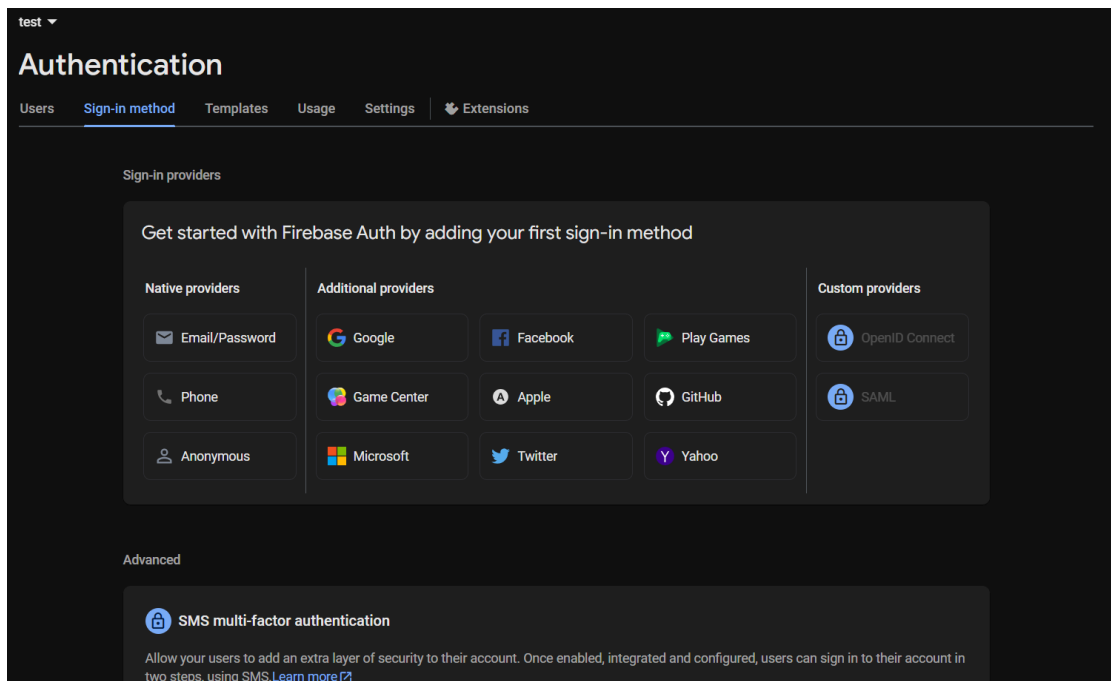
```
// Import the functions you need from the SDKs you need
import { initializeApp } from "firebase/app";
// TODO: Add SDKs for Firebase products that you want to use
// https://firebase.google.com/docs/web/setup#available-libraries

// Your web app's Firebase configuration
const firebaseConfig = {
  apiKey: "AIzaSyD20j-YUGDDXAzJWxzBPquznVvNPYIyMAw",
  authDomain: "test-5bed7.firebaseio.com",
  projectId: "test-5bed7",
  storageBucket: "test-5bed7.firebaseio.com",
  messagingSenderId: "239120636007",
  appId: "1:239120636007:web:4583a8963465c2c9bcdcc2"
};

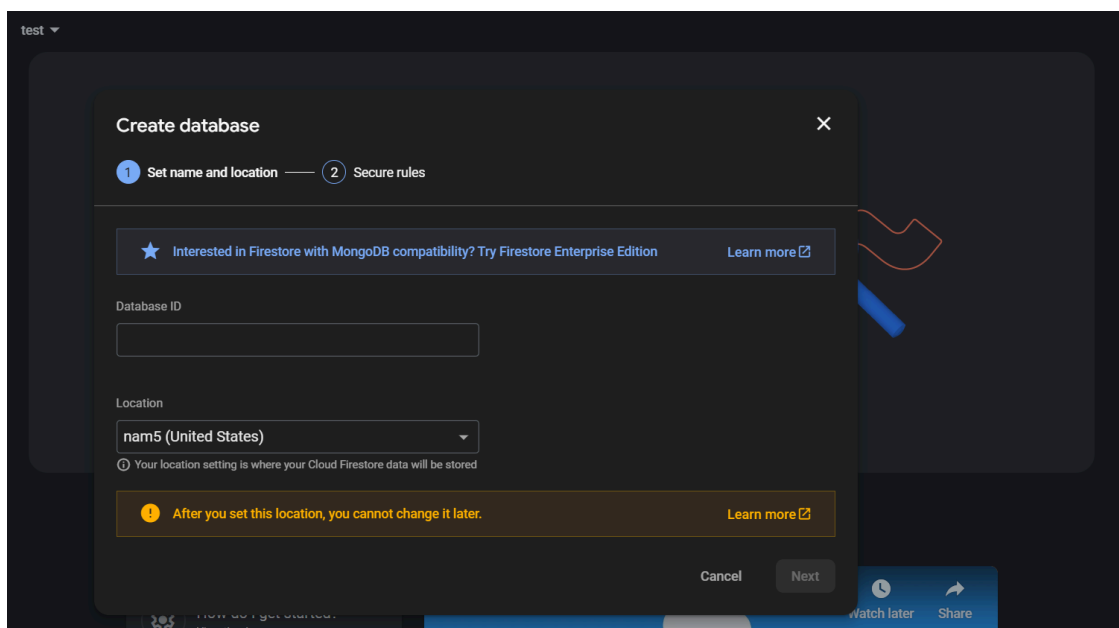
// Initialize Firebase
const app = initializeApp(firebaseConfig);
```

```
TS firebase.ts X
frontend > src > config > TS firebase.ts > ...
1  import { initializeApp } from "firebase/app";
2  import { getAuth } from "firebase/auth";
3  import { getFirestore } from "firebase/firestore";
4
5  /* REPLACE ME */
6  const firebaseConfig = {
7    apiKey: "REPLACE_ME",
8    authDomain: "REPLACE_ME",
9    projectId: "REPLACE_ME",
10   storageBucket: "REPLACE_ME",
11   messagingSenderId: "REPLACE_ME",
12   appId: "REPLACE_ME"
13 };
14 /* REPLACE ME */
15
16 const app = initializeApp(firebaseConfig);
17
18 export const auth = getAuth(app);
19 export const db = getFirestore(app);
```

4. Continue to the Console. Get Started with “Authentication” and “Cloud Firestore”.
5. To initialize the “Authentication” service, you need to set up the sign-in methods by enabling these sign-in providers: “Email/Password” and “Google”.

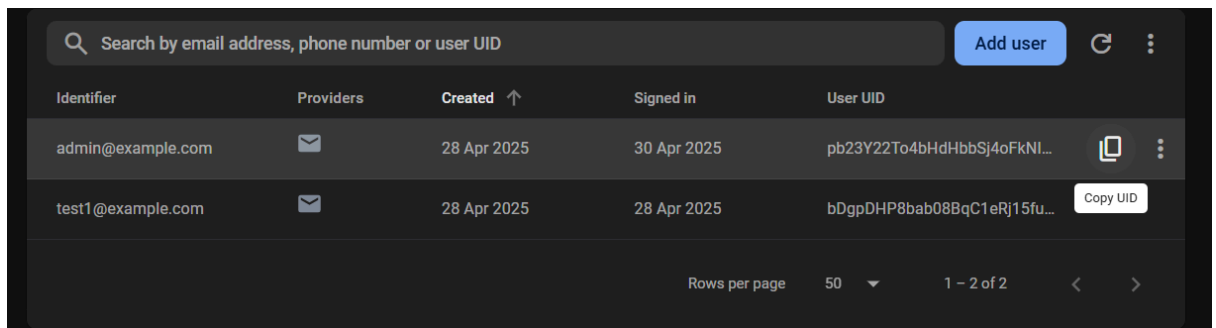


6. You can manage the app users in the “Users” section.
7. To initialize the “Cloud Firestore” service, click on “Create Database”, follow the instructions to create a new database.



## Steps of Creating an Admin Account

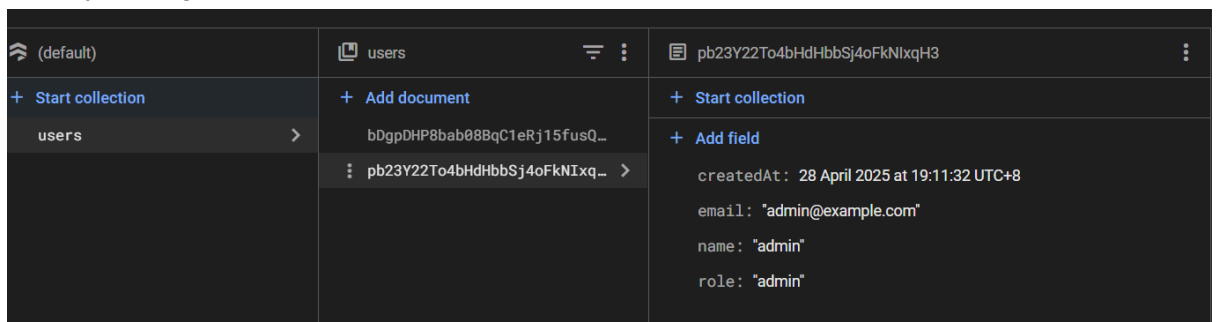
1. To prevent other users from creating the admin account through the application directly, the admin account should only be created in the Firebase Dashboard. Login to your project's Firebase Console.
2. In the “Firebase Authentication / Users” page, you could create a new user by clicking on the “Add User” button and entering the required details. This step could be optional.
3. Copy the User UID of the account that you want to set as admin. For example, here we want to set the ``admin@example.com`` as the “admin”, and thus we copied the User UID.



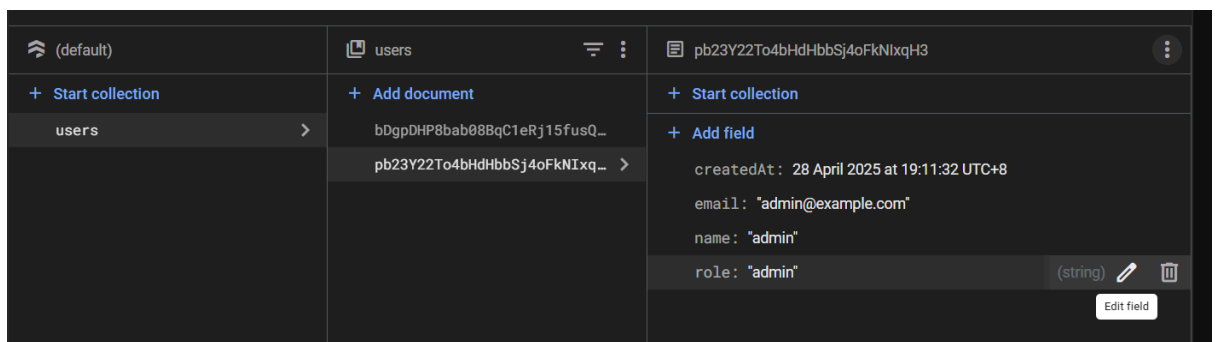
Identifier	Providers	Created ↑	Signed in	User UID
admin@example.com		28 Apr 2025	30 Apr 2025	pb23Y22To4bHdHbbSj4oFkNI...
test1@example.com		28 Apr 2025	28 Apr 2025	bDgpDHP8bab08BqC1eRj15fu...

Rows per page 50 1 - 2 of 2

4. Navigate to the “Cloud Firestore” page. Navigate to the “users” collection, and click on “+ Add document” to add a new user into the data storage, or update the existing user by adding a new field “role” and set its value to “admin”.



(default)	users	pb23Y22To4bHdHbbSj4oFkNIxqH3
+ Start collection	+ Add document	+ Start collection
users >	bDgpDHP8bab08BqC1eRj15fusQ...	+ Add field
	pb23Y22To4bHdHbbSj4oFkNIxq...	createdAt: 28 April 2025 at 19:11:32 UTC+8
		email: "admin@example.com"
		name: "admin"
		role: "admin"



(default)	users	pb23Y22To4bHdHbbSj4oFkNIxqH3
+ Start collection	+ Add document	+ Start collection
users >	bDgpDHP8bab08BqC1eRj15fusQ...	+ Add field
	pb23Y22To4bHdHbbSj4oFkNIxq...	createdAt: 28 April 2025 at 19:11:32 UTC+8
		email: "admin@example.com"
		name: "admin"
		role: "admin" (string) Edit field

5. Continue with Step 4, this is how you add a new document (for creating a new user) or update the existing user.

## Add a document

Parent path  
/users

Document ID [?](#)

<enter the User UID that you copied>

Field	Type
name	= string

String

adminuser

Field	Type
email	= string

String

admin@example.com

Field	Type
role	string
String	
admin	
createdAt	timestamp
Date	
28 Apr 2025	
Time	
04:17:32 PM	

- Document ID: Paste the User UID that you copied in Step 3.
- Field: **name** (Type = string)
- Field: **email** (Type = string): Please make sure it is the same as the user's email in the "Firebase Authentication" page.
- Field: **role** (Type = string): Allow only 2 values: "admin" or "clinician". Set the value to "admin".
- Field: **createdAt** (Type = timestamp)