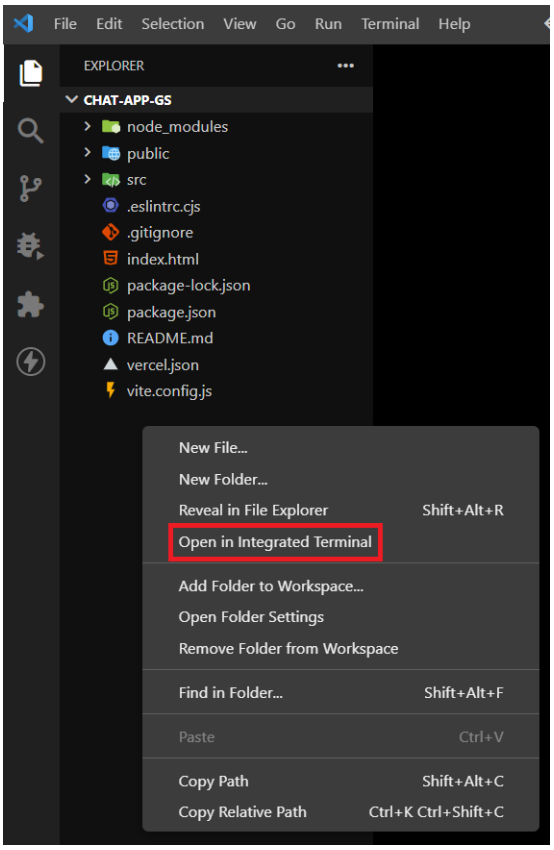
How to Setup & Run this Project

❖ Install NodeJs (Ignore If Already Installed)

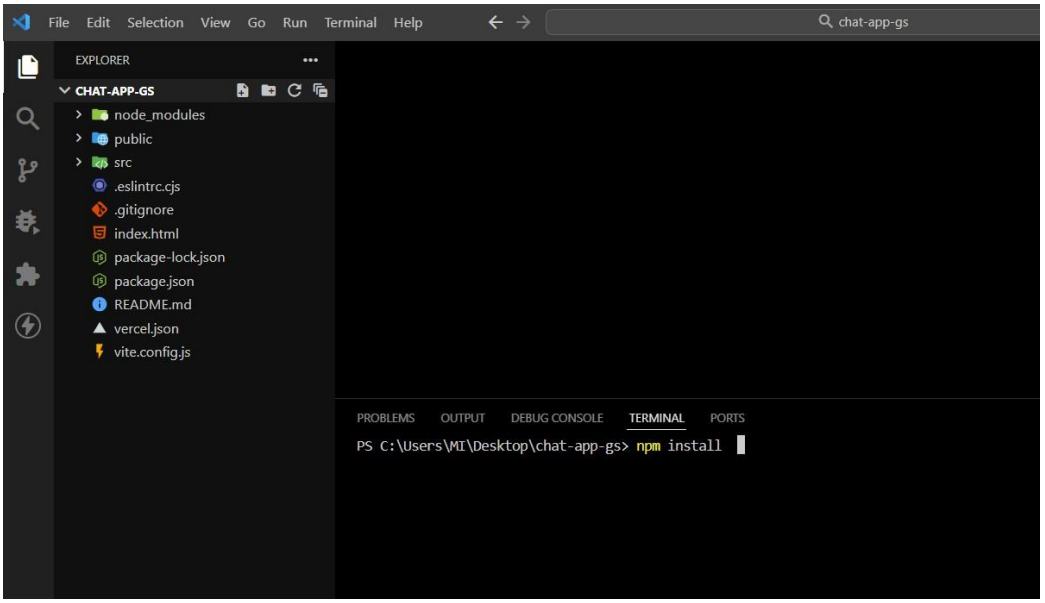
1. Visit the official Node.js website i.e) https://nodejs.org/en/download/
2. Download the Node.js installer
3. Run the installer.
4. Follow the prompts in the installer.

❖ Steps To Run The Project

1. Open Project Folder In VS Code
2. Open Integrated Terminal
    - Right Click on Sidebar > Select "Open In Integrated Terminal"

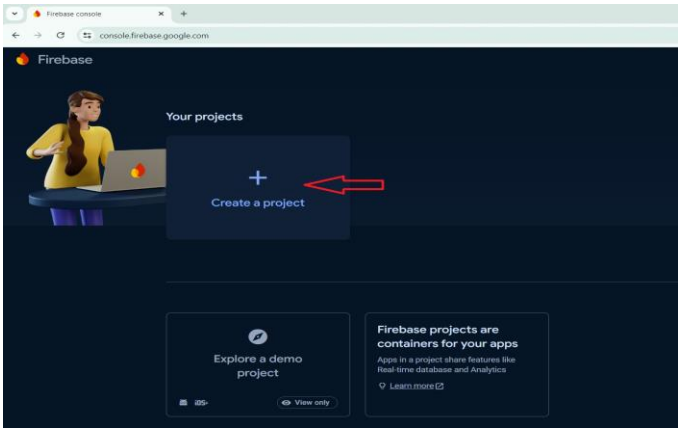


3. Type "**npm install**" and press Enter and Wait for Installation to be completed (requires Internet)

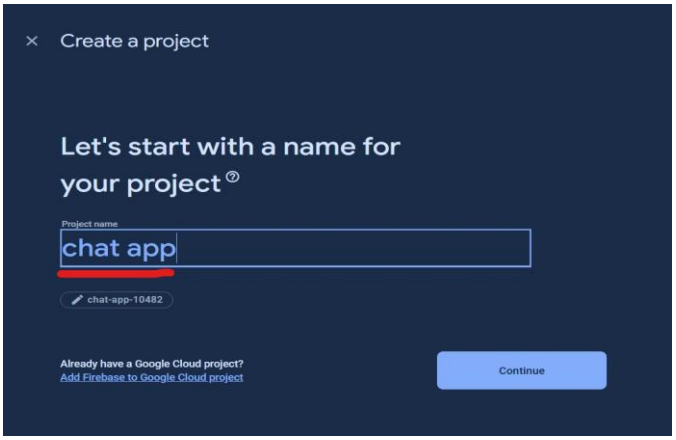


After Installation You will See 'node_modules' Folder in the Sidebar

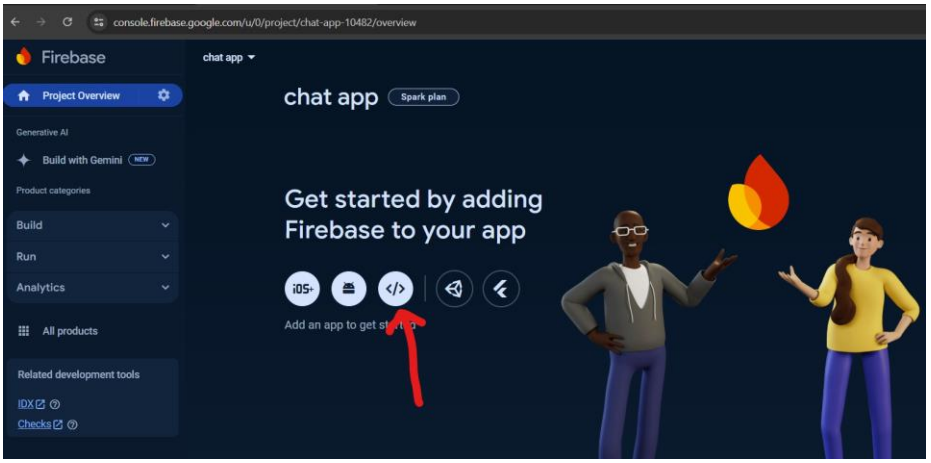
4. Create a new Firebase Project from [Here]



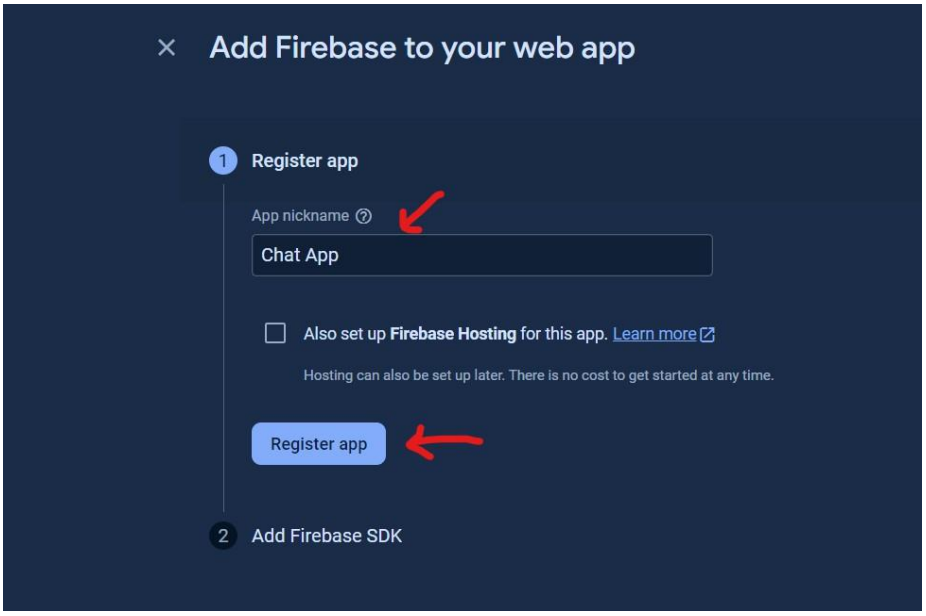
5. Provide project name



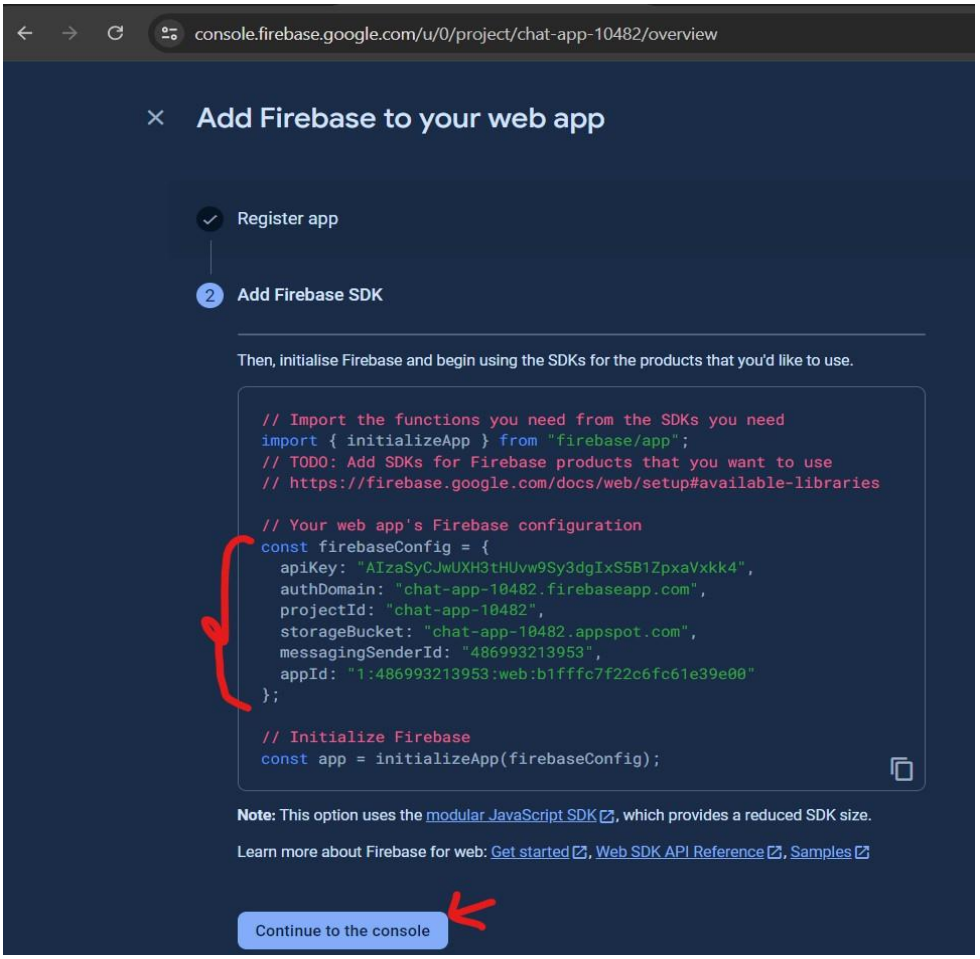
6. Click on WEB Icon

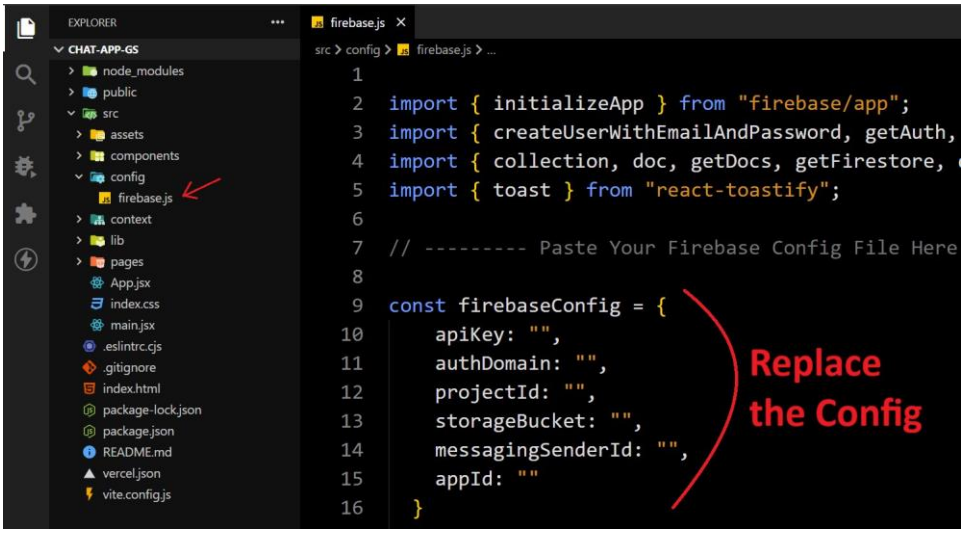


7. Provide App nickname and click on Register

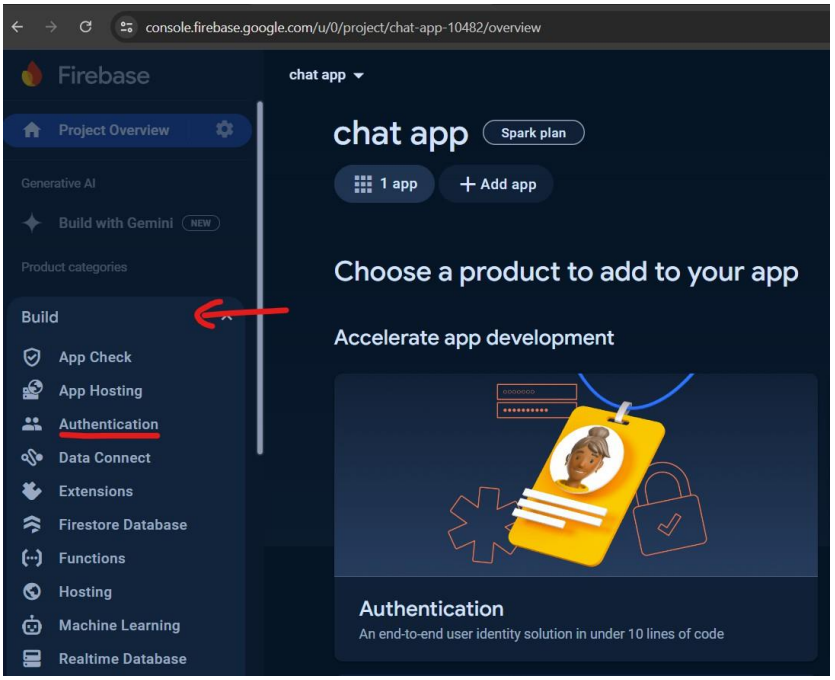


8. Now only copy the config code and paste it in **firebase.js** file save the file then click on continue button

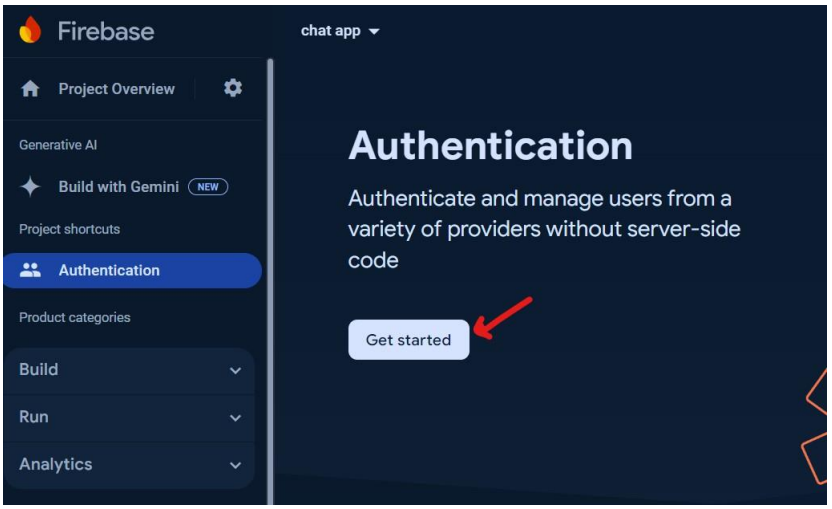

console.firebase.google.com/u/0/project/chat-app-10482/overview
Add Firebase to your web app
Register app
2
Add Firebase SDK
Then, initialise Firebase and begin using the SDKs for the products that you'd like to use.
// Import the functions you need from the SDKs you need
import { initializeApp } from "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: "AIzaSyCJwUXH3tHUvw9Sy3dgIxS5B1ZpxaVxkk4",
authDomain: "chat-app-10482.firebaseapp.com",
projectId: "chat-app-10482",
storageBucket: "chat-app-10482.appspot.com",
messagingSenderId: "486993213953",
appId: "1:486993213953:web:b1fffc7f22c6fc61e39e00"
};
// Initialize Firebase
const app = initializeApp(firebaseConfig);
Note: This option uses the modular JavaScript SDK, which provides a reduced SDK size.
Learn more about Firebase for web: Get started, Web SDK API Reference, Samples
Continue to the console


EXPLORER
CHAT-APP-GS
node_modules
public
src
assets
components
config
firebase.js
context
lib
pages
App.jsx
index.css
main.jsx
.eslintrc.cjs
.gitignore
index.html
package-lock.json
package.json
README.md
vercel.json
vite.config.js
firebase.js
src > config > firebase.js > ...
import { initializeApp } from "firebase/app";
import { createUserWithEmailAndPassword, getAuth,
import { collection, doc, getDocs, getFirestore,
import { toast } from "react-toastify";
// --------- Paste Your Firebase Config File Here
const firebaseConfig = {
apiKey: "",
authDomain: "",
projectId: "",
storageBucket: "",
messagingSenderId: "",
appId: ""
}
Replace
the Config

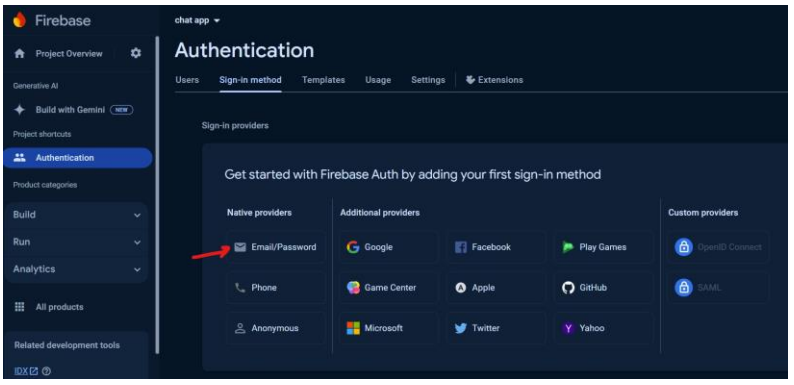
9. Now open build and click on Authentication



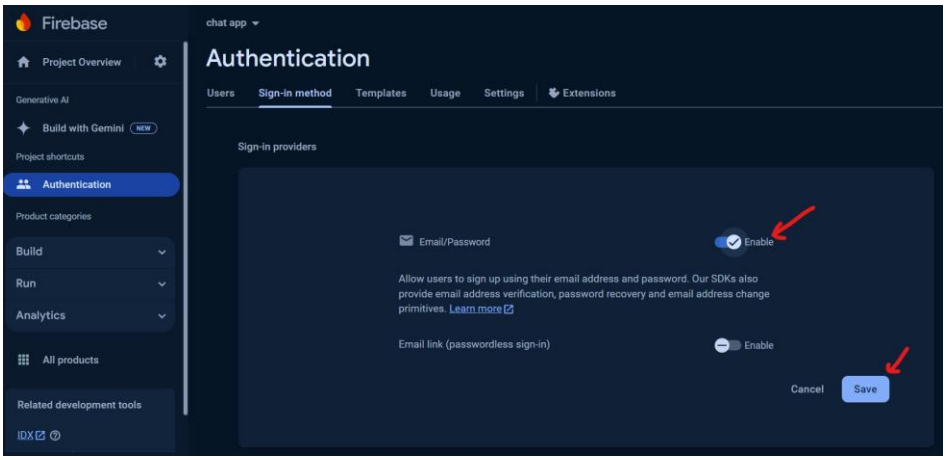
10. Now click on get started



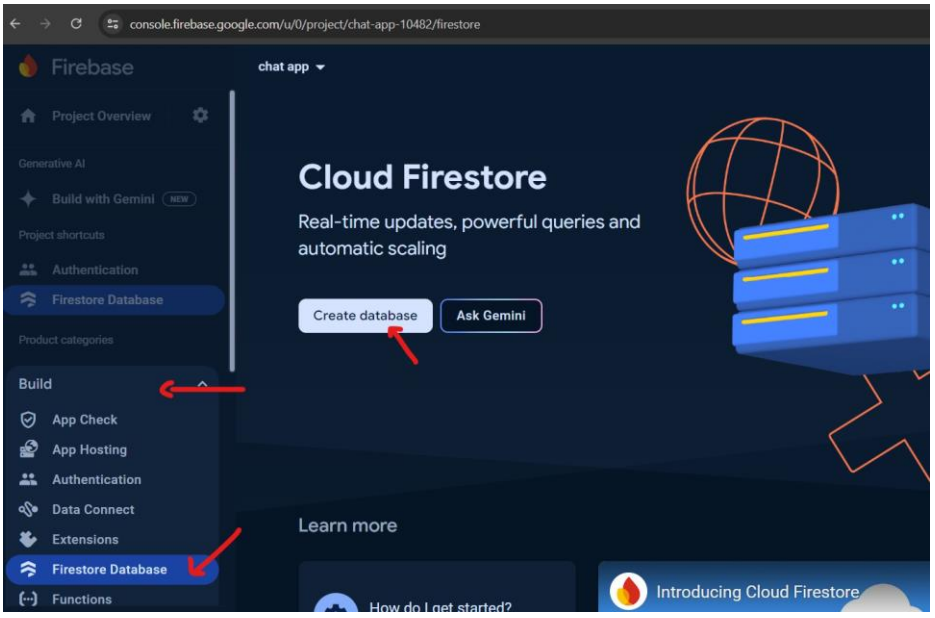
11. Select Email & Password



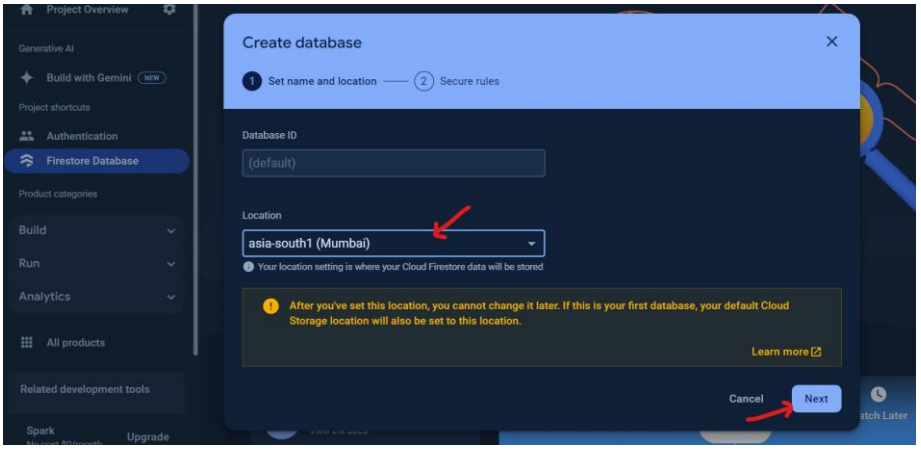
12. Enable the switch and save it



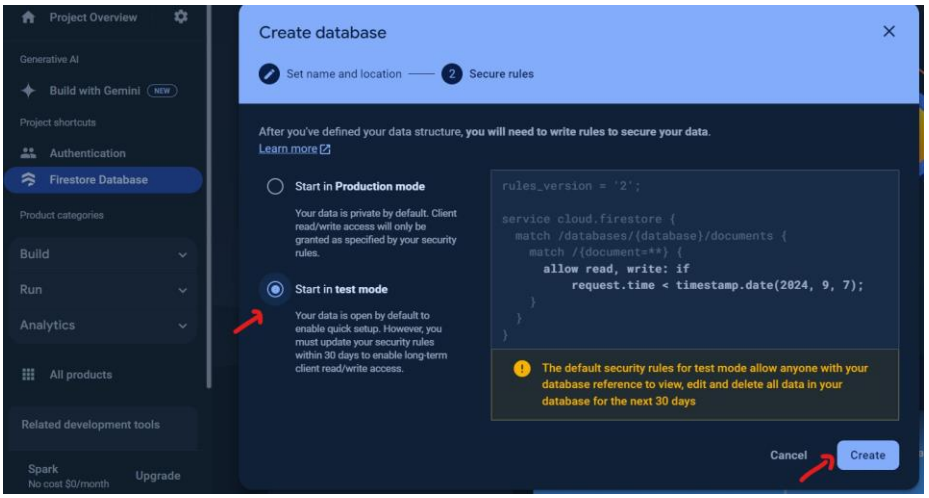
13. Now open build and click on firestore Database and click on create database



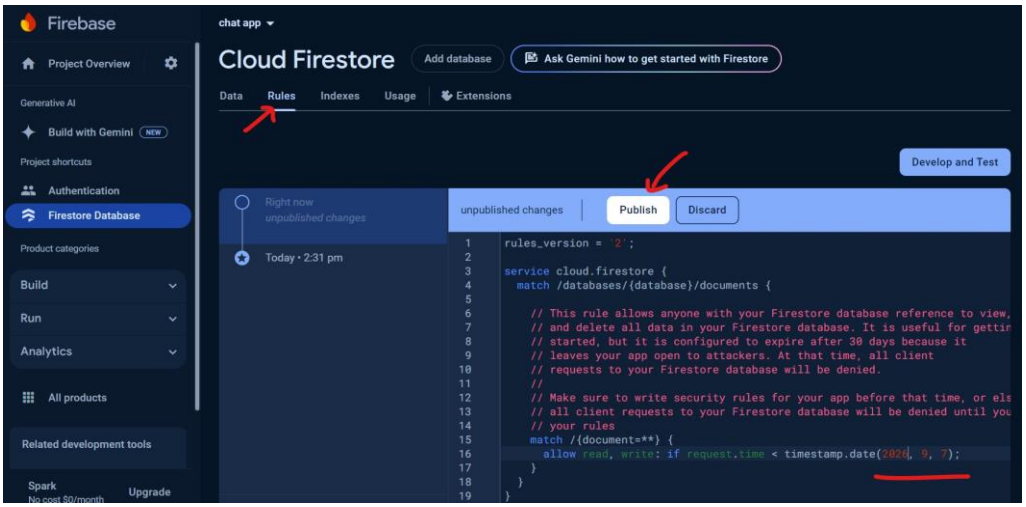
14. Select the nearest region and click on next button



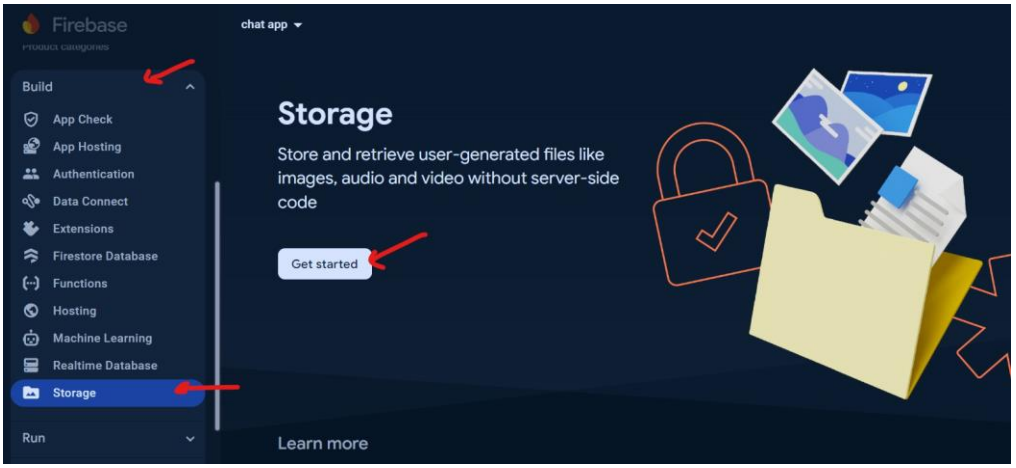
15. Select test mode and click on create button



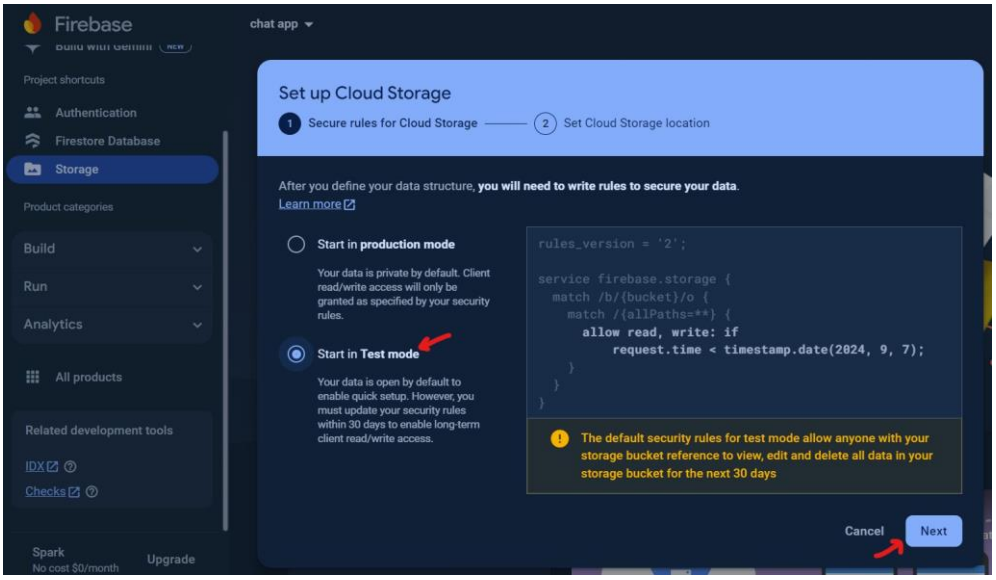
16. Now select rules change date and increase the year and publish changes



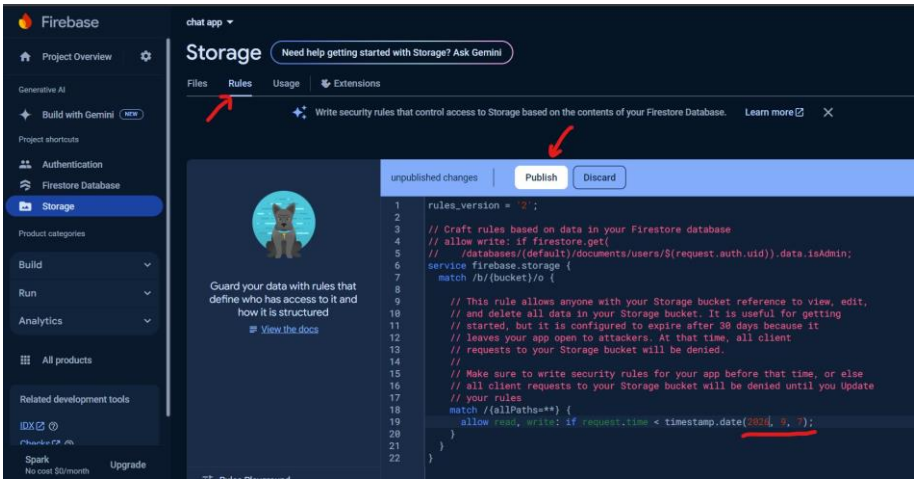
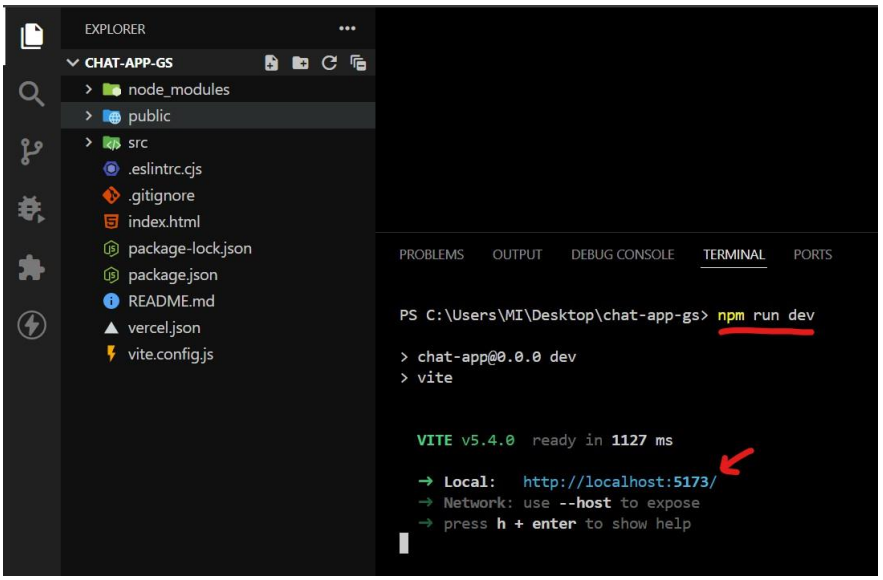
17. Open build select storage and click on Get Started



18. Select test mode and click on next button and select done



19. Select Storage rules change date and increase the year and publish changes



20. Now run the project using **npm run dev** command and open the link in web browser