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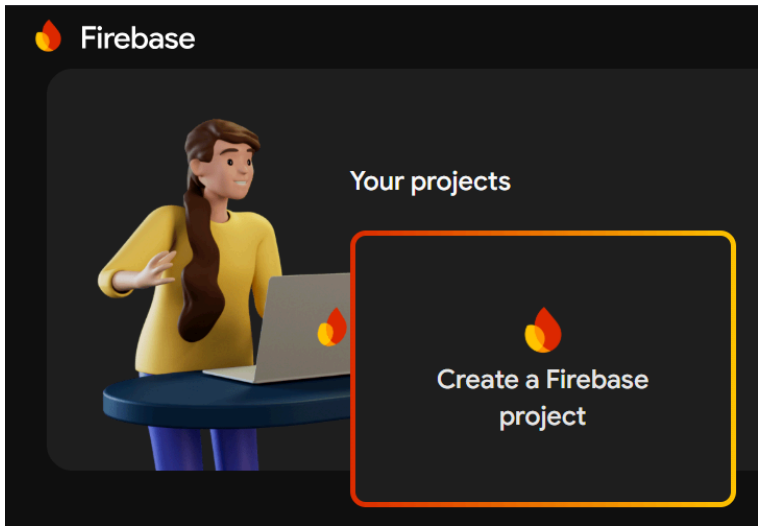
AIM: How To Set Up Firebase with Flutter for iOS and Android Apps

THEORY:

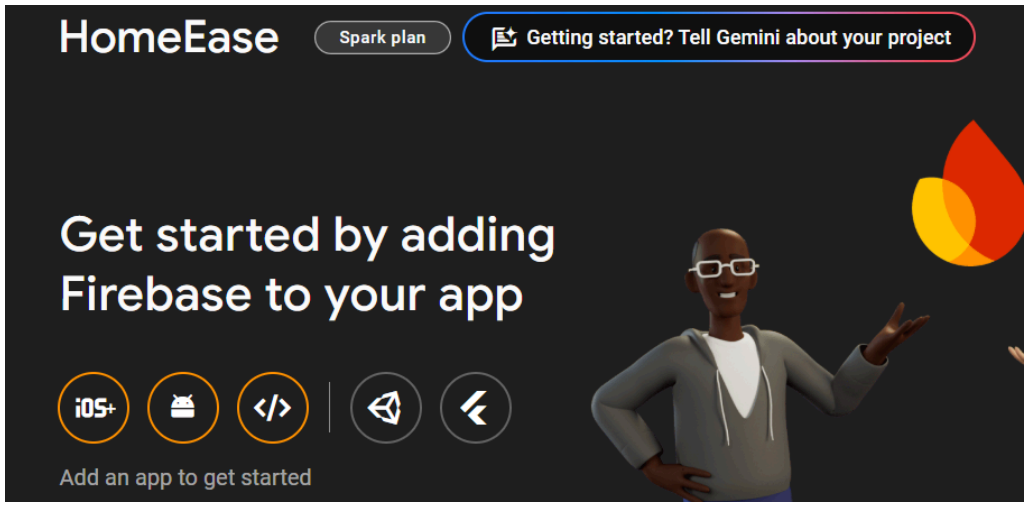
- Create a Firebase Project:
    - Go to the Firebase Console (https://console.firebase.google.com/) and create a new project.

  Add Your App to Firebase:
    - After creating your Firebase project, click on the "Add app" button.
    - Choose the platform (iOS or Android) for which you want to add the app.

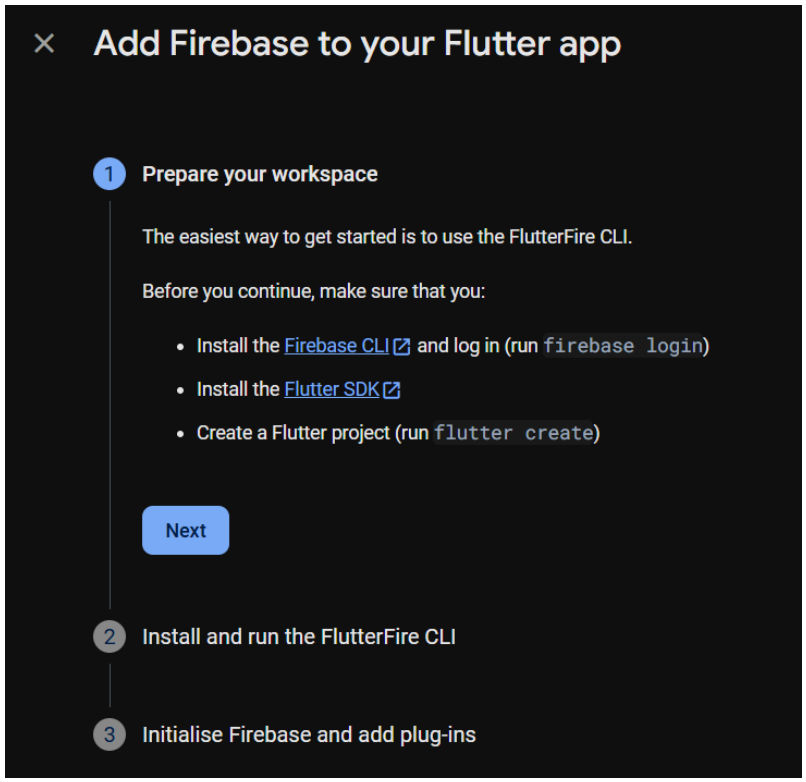
Create the firebase project by going to firebase website and name it no need of gemini assistant turn it off.



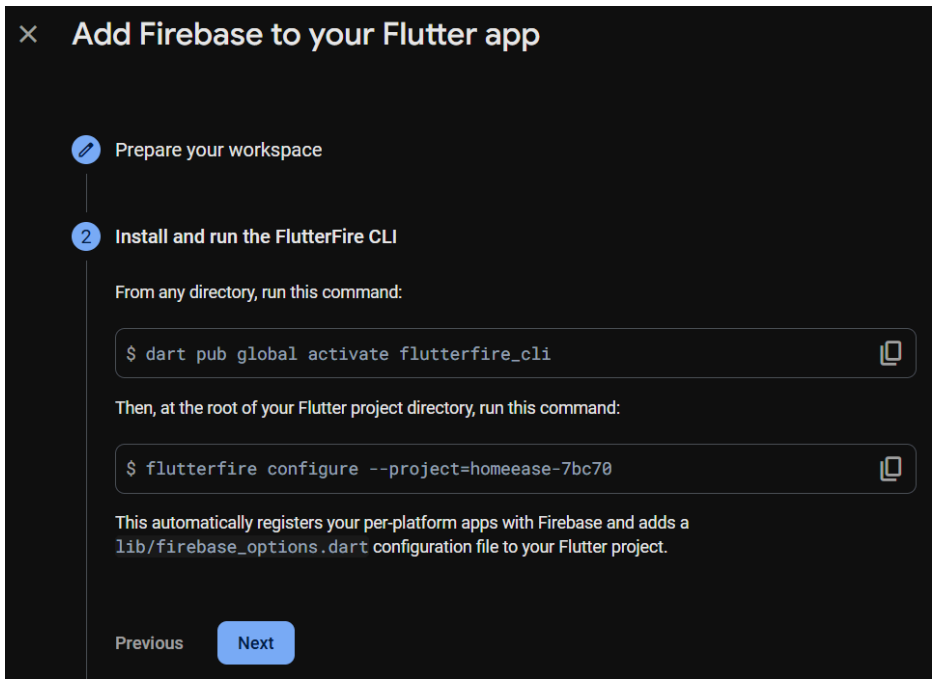
Click flutter icon from below.



Click next



Now run all the commands shown.



From the firebase document get the command to install the flutter cli and activate it.

```
PS C:\Users\akank\Documents\VESIT\Sem 6\Lab\Flutter-home-service-app-master> dart pub global activate flutterfire_cli
Package flutterfire_cli is currently active at version 1.1.0.
Downloading packages... . (2.2s)
The package flutterfire_cli is already activated at newest available version.
To recompile executables, first run `dart pub global deactivate flutterfire_cli`.
Installed executable flutterfire.
Activated flutterfire_cli 1.1.0.
PS C:\Users\akank\Documents\VESIT\Sem 6\Lab\Flutter-home-service-app-master> flutterfire configure --project=homeease-71154
```

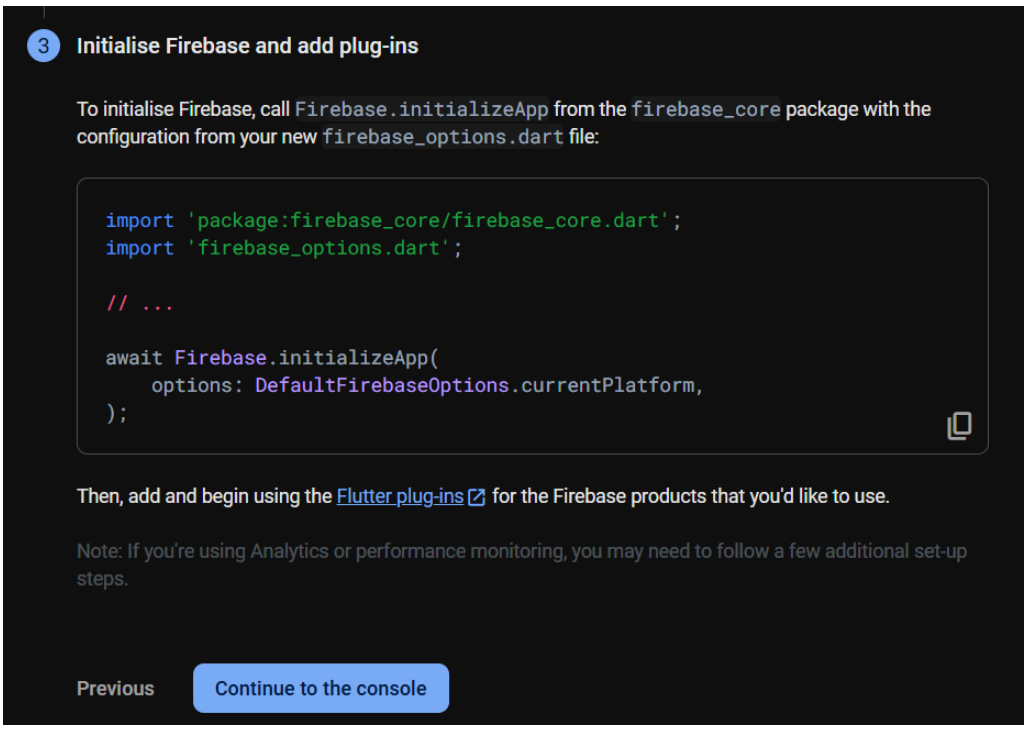
Now choose for which all devices the firebase should be made available.

```
PS C:\Users\akank\Documents\VESIT\Sem 6\Lab\Flutter-home-service-app-master> flutterfire configure --project=homeease-71154
 i Found 2 Firebase projects. Selecting project homeease-71154.
 ? Which platforms should your configuration support (use arrow keys & space to select)? ›
 ✓ android
 ✓ ios
   macos
 ✓ web
   windows
```

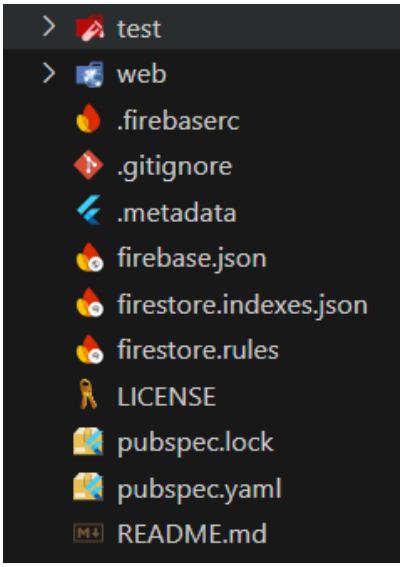
Now configure the flutterfire

```
PS C:\Users\akank\Documents\VESIT\Sem 6\Lab\Flutter-home-service-app-master> flutterfire configure --project=homeease-71154
 i Found 2 Firebase projects. Selecting project homeease-71154.
 ✓ Which platforms should your configuration support (use arrow keys & space to select)? · android, web
 i Firebase android app com.example.day35 is not registered on Firebase project homeease-71154.
 i Registered a new Firebase android app on Firebase project homeease-71154.
 i Firebase web app day35 (web) is not registered on Firebase project homeease-71154.
 i Registered a new Firebase web app on Firebase project homeease-71154.

 Firebase configuration file lib\firebase_options.dart generated successfully with the following Firebase apps:

 Platform  Firebase App Id
 web       1:854393823877:web:ebe24d6a3a2f443f24bfec
 android   1:854393823877:android:630666553551faf124bfec

 Learn more about using this file and next steps from the documentation:
  > https://firebase.google.com/docs/flutter/setup
PS C:\Users\akank\Documents\VESIT\Sem 6\Lab\Flutter-home-service-app-master>
```

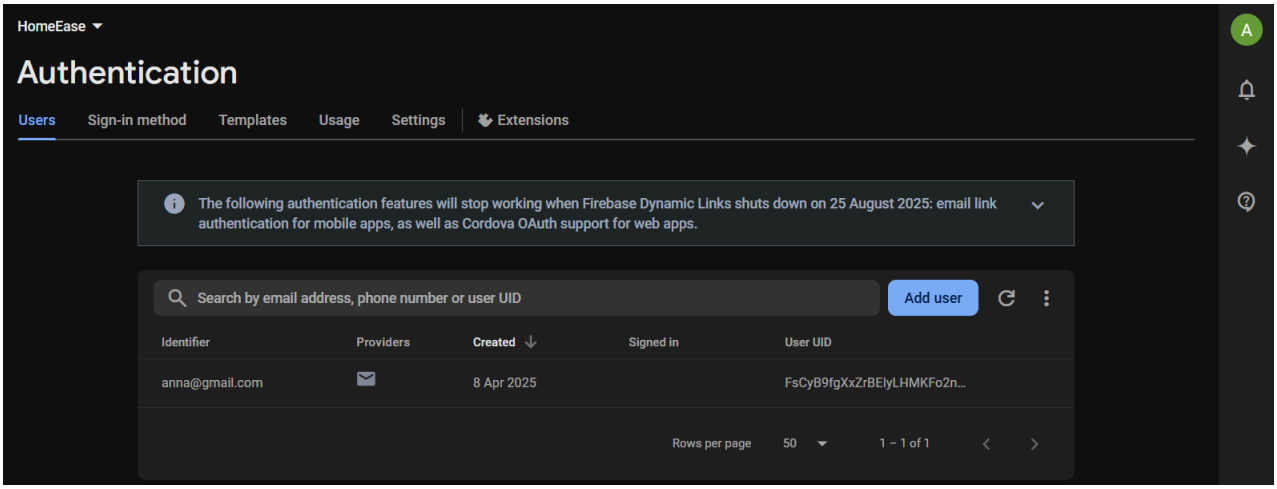
Initialize and then continue.



Folder Structure:



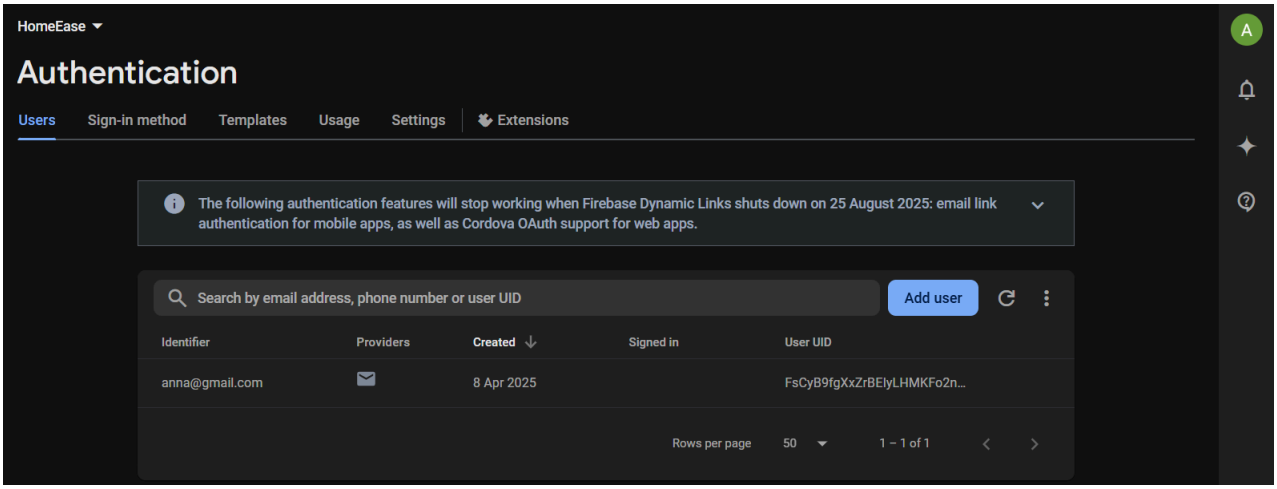
Authentication of User



CONCLUSION

Hence, successfully created a Firebase project using the Firebase Console. Then I added my app by selecting the correct name and selecting flutter as service. This connects the app with Firebase services like authentication, database..

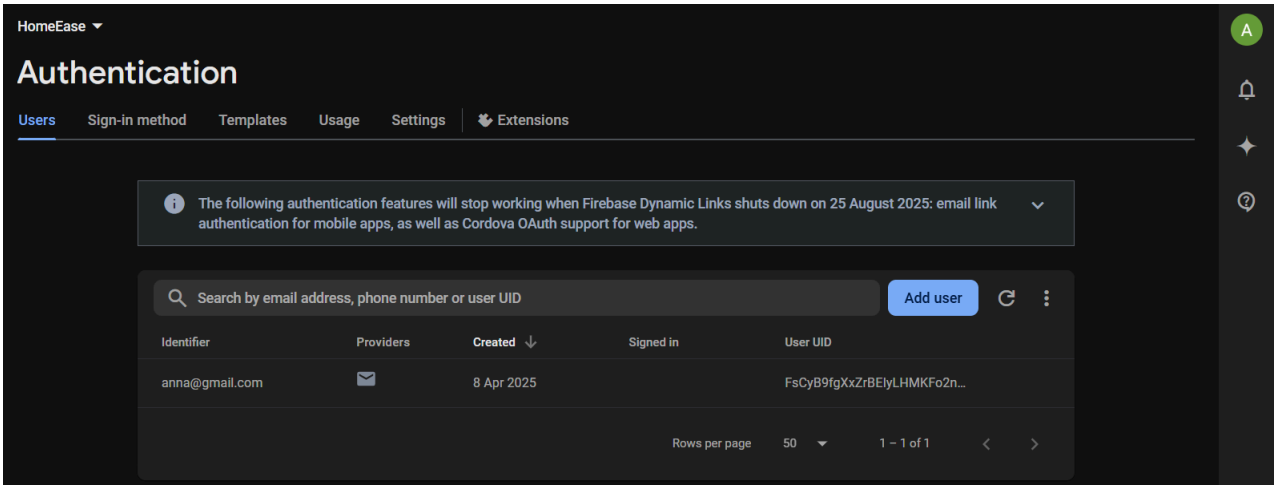
Authentication of User



CONCLUSION

I have successfully implemented my application with the firebase

Authentication of User



CONCLUSION

I have successfully implemented my application with the firebase