

Atelier 4 FireBase

Liqali Issam

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Créer un projet

Saisissez le nom de votre projet

my-awesome-project-id

☐ J'accepte les [Conditions d'utilisation de Firebase](#).

×

Créer un projet

Saisissez le nom de votre projet

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☐ J'accepte les [Conditions d'utilisation de Firebase](#).

☐ Je confirme que je n'utiliserai Firebase que pour mes activités commerciales, mon entreprise, mes créations ou ma profession.

Vous avez déjà un projet Google Cloud ?

[Ajouter Firebase au projet Google Cloud](#)

Continuer

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Créer un projet

Commençons par donner un nom à votre projet[®]

Nom du projet

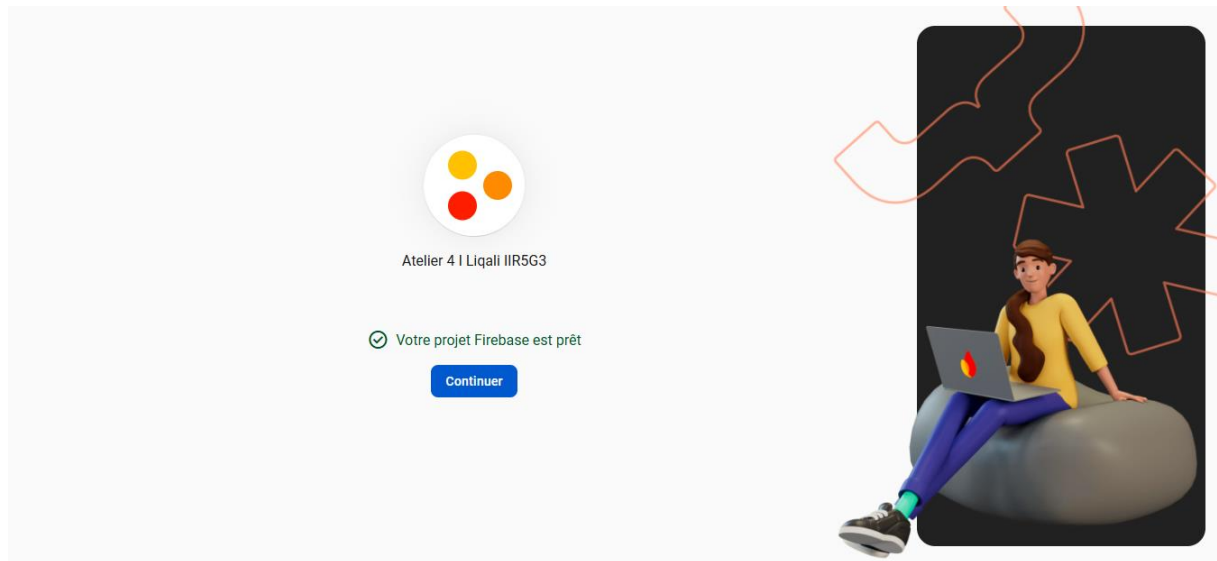
Atelier 4 | Liqali IIR5G3

atelier-4-i-liqali-iir5g3

☒ J'accepte les [Conditions d'utilisation de Firebase](#).

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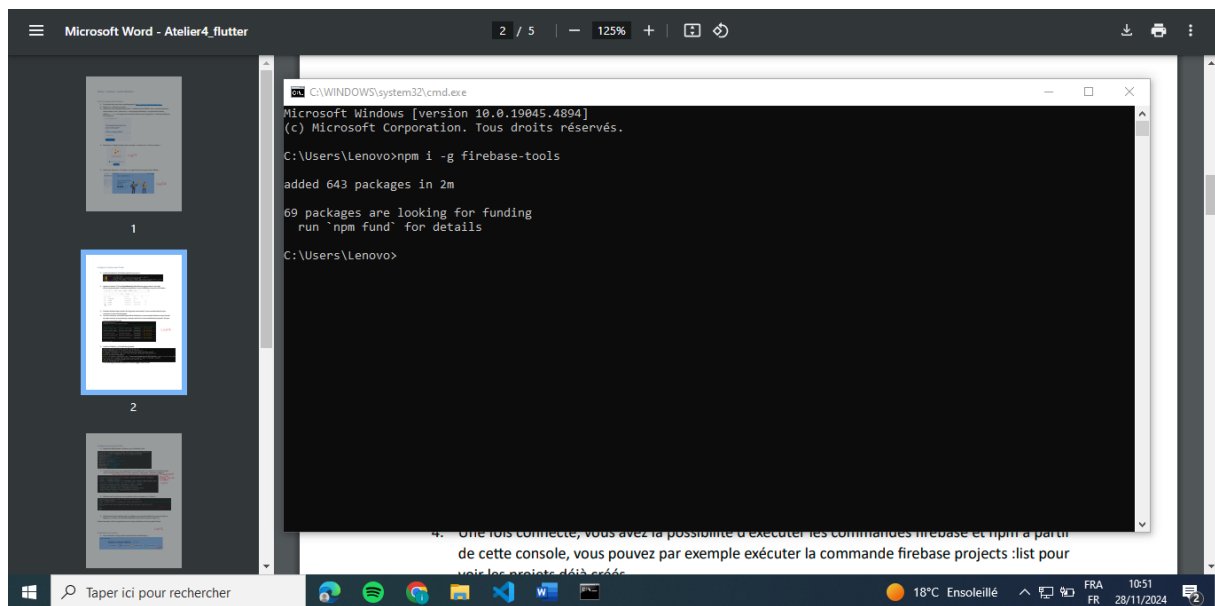
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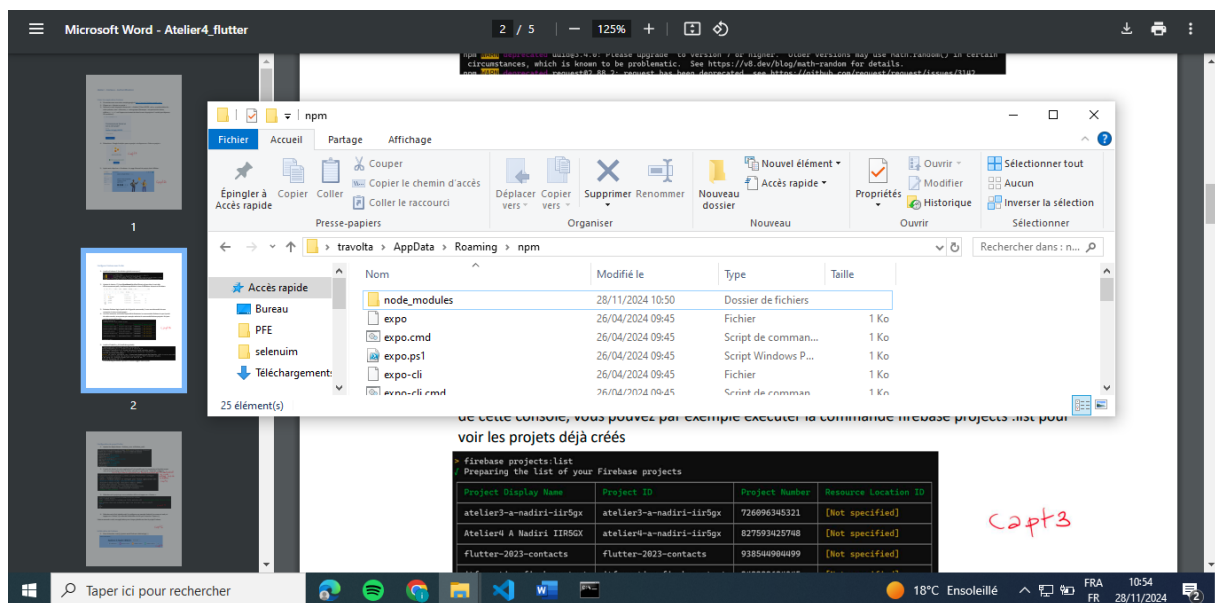
5-



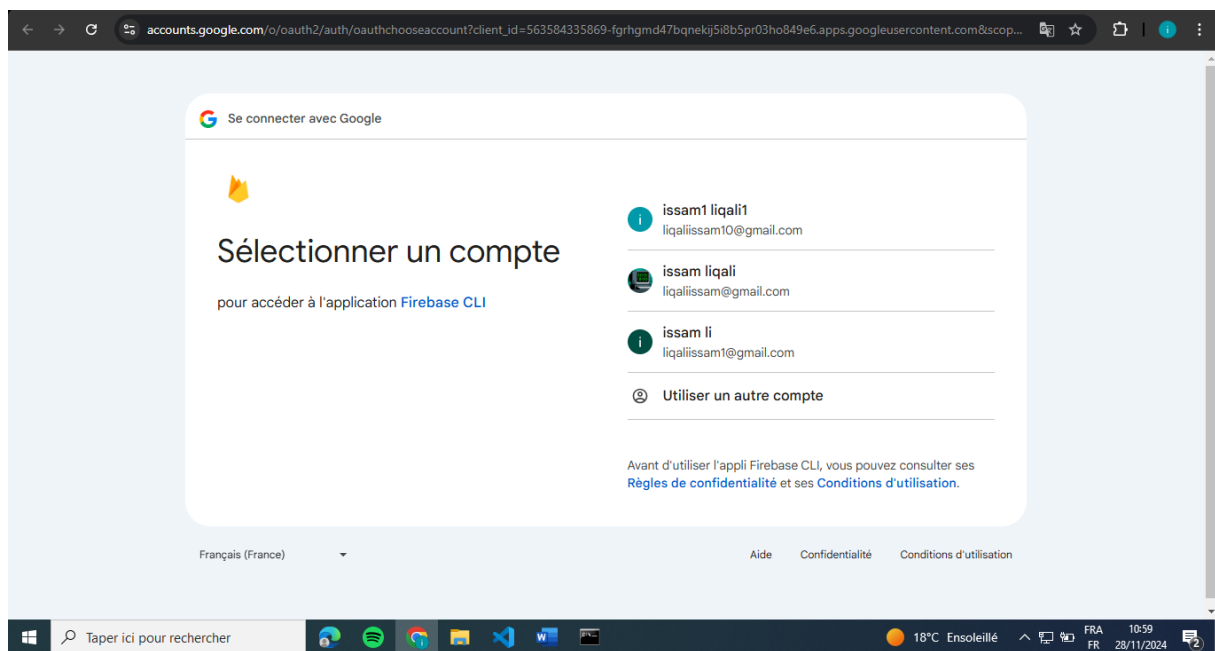
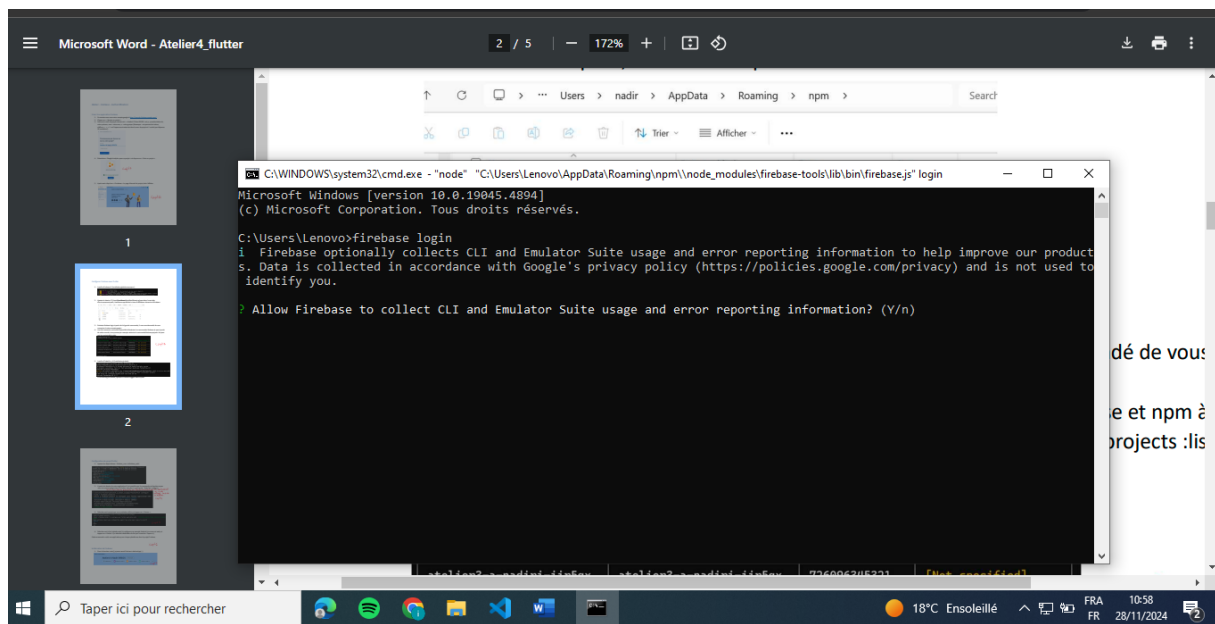
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```

C:\WINDOWS\system32\cmd.exe
identify you.
? Allow Firebase to collect CLI and Emulator Suite usage and error reporting information? Yes
! To change your data collection preference at any time, run 'firebase logout' and log in again.

Visit this URL on this device to log in:
https://accounts.google.com/o/oauth2/auth?client_id=563584335869-fgrhgm47bqnekij5i8b5pr83ho849e6.apps.googleusercontent.com&scope=email%20openid%20https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fcloudplatformprojects.readonly%20https%3A%2F%2Fwww.googleapis.com%2Fauth%2Ffirebase%20https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fcloud-platform&response_type=code&state=227469209&redirect_uri=http%3A%2F%2Flocalhost%3A9005

Waiting for authentication...

+ Success! Logged in as liqaliissam@gmail.com

C:\Users\Lenovo>firebase projects:list
✓ Preparing the list of your Firebase projects



| Project Display Name      | Project ID                | Project Number | Resource Location ID |
|---------------------------|---------------------------|----------------|----------------------|
| Atelier 4 I liqali IIR5G3 | atelier-4-i-liqali-iir5g3 | 698447688963   | [Not specified]      |



1 project(s) total.

C:\Users\Lenovo>

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.
Warning: Pub installs executables into C:\Users\nadir\AppData\Local\Pub\Cache\bin, which is not on your path.
You can fix that by adding that directory to your system's "Path" environment variable.
A web search for "configure windows path" will show you how.
Activated flutterfire_cli 0.2.7.

Si un Warning est affiché, ajoutez le chemin suggéré dans le path.
  
```

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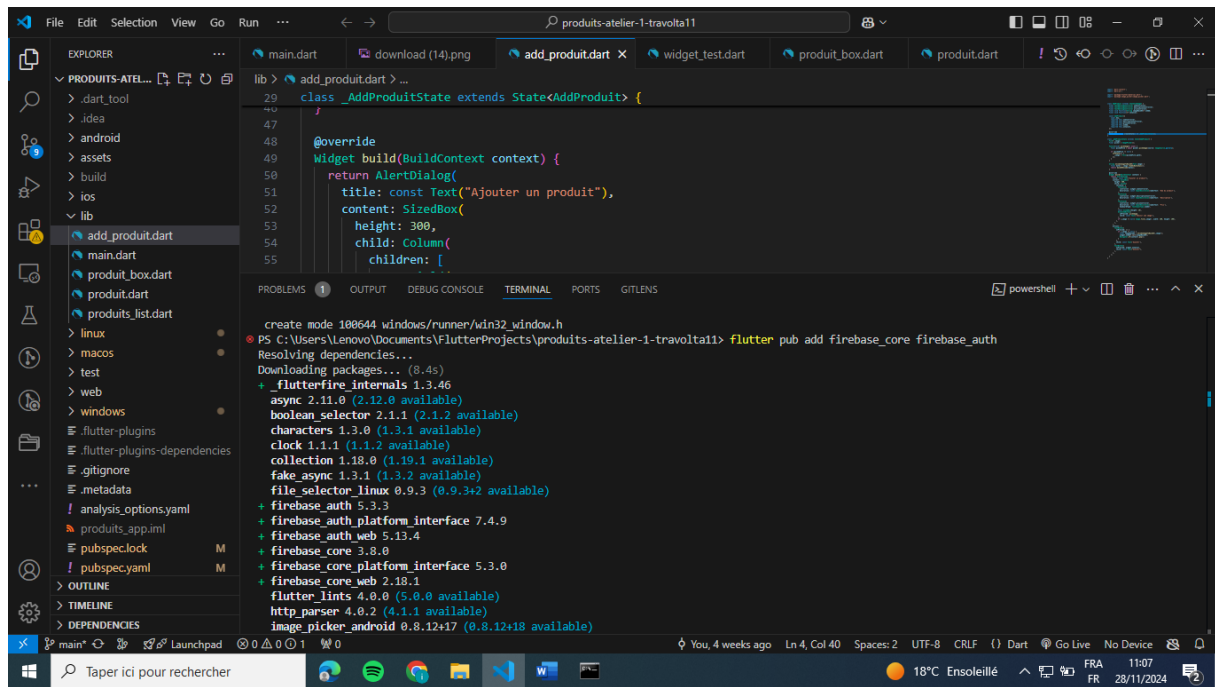
```

C:\WINDOWS\system32\cmd.exe - dart pub global activate flutterfire_cli

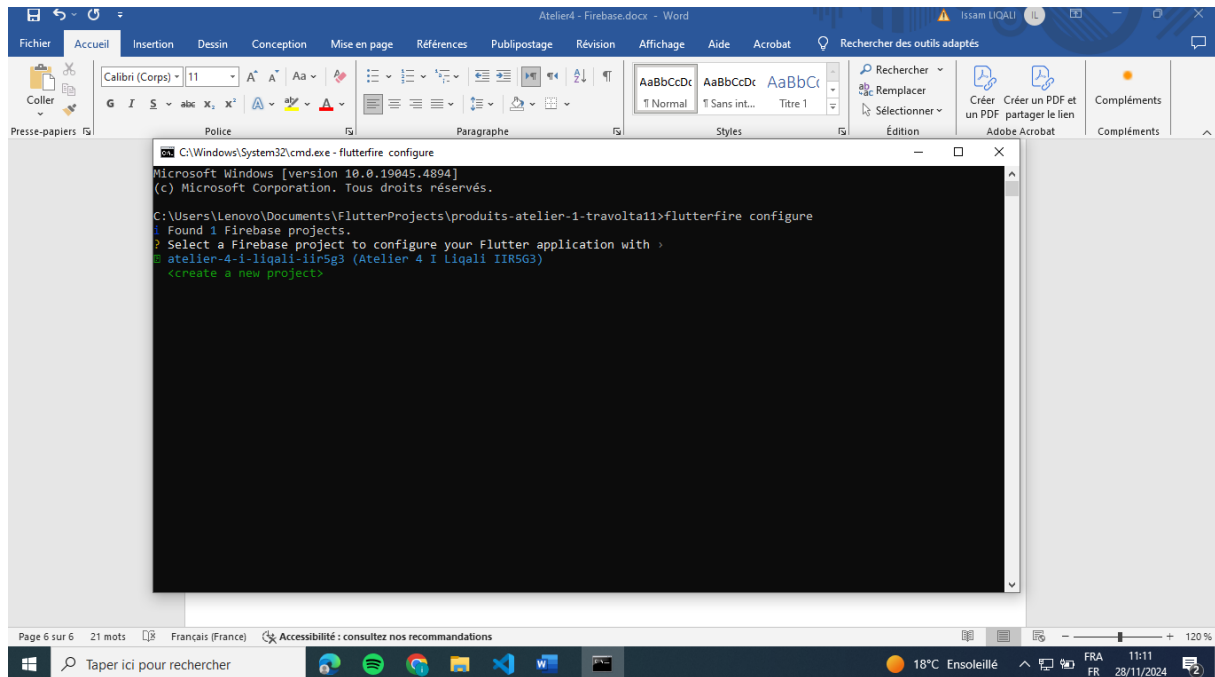
C:\Users\Lenovo>dart pub global activate flutterfire_cli
Downloading packages... (11.6s)
+ ansi_styles 0.3.2+1
+ args 2.6.0
+ async 2.12.0
+ boolean_selector 2.1.2
+ characters 1.3.1
+ ci 0.1.0
+ cli_util 0.4.2
+ clock 1.1.2
+ collection 1.19.1
+ dart_console 1.2.0 (4.1.1 available)
+ deep_pick 1.1.0
+ ffi 2.1.3
+ file 6.1.4 (7.0.1 available)
+ flutterfire_cli 1.0.0
+ http 0.13.6 (1.2.2 available)
+ http_parser 4.1.1
+ interact 2.2.0
+ intl 0.18.1 (0.20.0 available)
+ json_annotation 4.9.0
+ matcher 0.12.17
+ meta 1.16.0
+ path 1.9.1
+ petitparser 6.0.2
  
```

Configuration du projet flutter

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C:\Windows\System32\cmd.exe - flutterfire configure
Microsoft Windows [version 10.0.19045.4894]
(c) Microsoft Corporation. Tous droits réservés.

C:\Users\Lenovo\Documents\FlutterProjects\produits-atelier-1-travolta1>flutterfire configure
Found 1 Firebase projects.
Select a Firebase project to configure your Flutter application with - atelier-4-i-liqali-iir5g3 (Atelier 4 I Liqali I IR5G3)
Which platforms should your configuration support (use arrow keys & space to select)? - android, ios, macos, web, windows
Which Android application id (or package name) do you want to use for this configuration, e.g. 'com.example.app'? -
Firebase android app is not registered on Firebase project atelier-4-i-liqali-iir5g3.
Registering new Firebase android app on Firebase project atelier-4-i-liqali-iir5g3.
FirebaseCommandException: An error occurred on the Firebase CLI when attempting to run a command.
COMMAND: firebase apps:create android produits_app (android) --package-name= --json --project=atelier-4-i-liqali-iir5g3
ERROR: Package name for Android app cannot be empty

C:\Users\Lenovo\Documents\FlutterProjects\produits-atelier-1-travolta1>flutterfire configure
Found 1 Firebase projects.
Select a Firebase project to configure your Flutter application with - atelier-4-i-liqali-iir5g3 (Atelier 4 I Liqali I IR5G3)
Which platforms should your configuration support (use arrow keys & space to select)? -
android
ios
macos
web
windows
```

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```
C:\Windows\System32\cmd.exe
C:\Users\Lenovo\Documents\FlutterProjects\produits-atelier-1-travolta1>flutterfire configure
Found 1 Firebase projects.
Select a Firebase project to configure your Flutter application with - atelier-4-i-liqali-iir5g3 (Atelier 4 I Liqali I IR5G3)
Which platforms should your configuration support (use arrow keys & space to select)? - android, ios, macos, web, windows
Which Android application id (or package name) do you want to use for this configuration, e.g. 'com.example.app'? -
Firebase android app is not registered on Firebase project atelier-4-i-liqali-iir5g3.
Registering new Firebase android app on Firebase project atelier-4-i-liqali-iir5g3.
FirebaseCommandException: An error occurred on the Firebase CLI when attempting to run a command.
COMMAND: firebase apps:create android produits_app (android) --package-name= --json --project=atelier-4-i-liqali-iir5g3
ERROR: Package name for Android app cannot be empty

C:\Users\Lenovo\Documents\FlutterProjects\produits-atelier-1-travolta1>flutterfire configure
Found 1 Firebase projects.
Select a Firebase project to configure your Flutter application with - atelier-4-i-liqali-iir5g3 (Atelier 4 I Liqali I IR5G3)
Which platforms should your configuration support (use arrow keys & space to select)? - web
Firebase web app produits_app (web) is not registered on Firebase project atelier-4-i-liqali-iir5g3.
Registered a new Firebase web app on Firebase project atelier-4-i-liqali-iir5g3.

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

Platform  Firebase App Id
web       1:698447688963:web:985bd9634bb822d4a92536

Learn more about using this file and next steps from the documentation:
> https://firebase.google.com/docs/flutter/setup

C:\Users\Lenovo\Documents\FlutterProjects\produits-atelier-1-travolta1>
```

Initialisation de FireBase

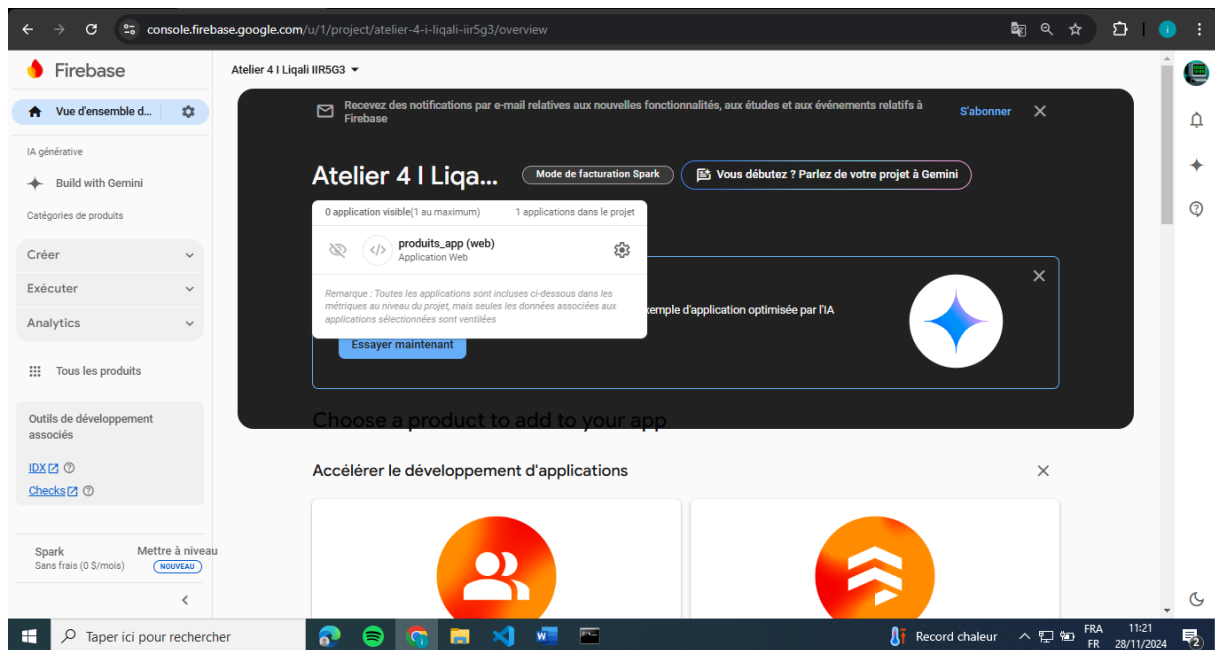
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```
lib > main.dart > main
1 | import 'package:firebase_core/firebase_core.dart';
2 | import 'package:flutter/material.dart';
3 | import 'produits_list.dart';
4 |
5 | void main() {
6 |   runApp(const MainApp());
7 |   Firebase.initializeApp();
8 | }
9 |
10 |
11 | class MainApp extends StatelessWidget {
12 |   const MainApp({super.key});
13 |
14 |   @override
15 |   Widget build(BuildContext context) {
16 |     return MaterialApp(
17 |       theme: ThemeData(
18 |         primarySwatch: Colors.blue,
19 |       ), // ThemeData
20 |       home: const ProduitsList(),
21 |     ); // MaterialApp
22 |   }
23 | }
```

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS

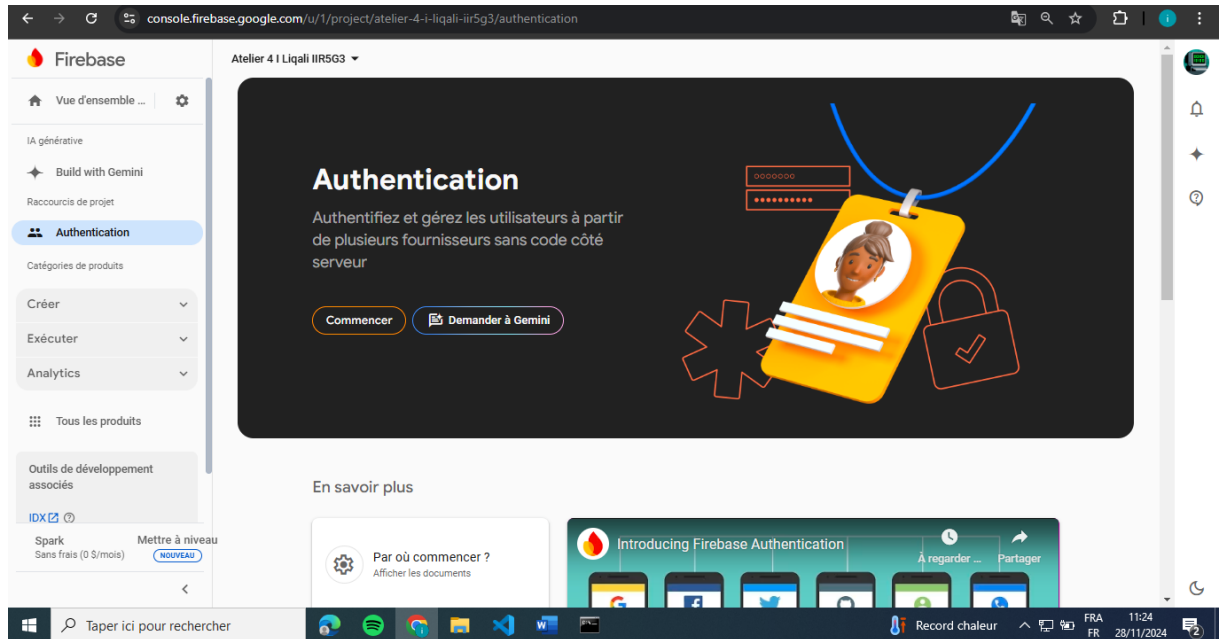
C:\Users\Lenovo\Documents\FlutterProjects\produits-atelier-1-travolta11>flutterfire configure
'flutterfire' n'est pas reconnu en tant que commande interne ou externe, un programme exécutable ou un fichier de commandes.

C:\Users\Lenovo\Documents\FlutterProjects\produits-atelier-1-travolta11>

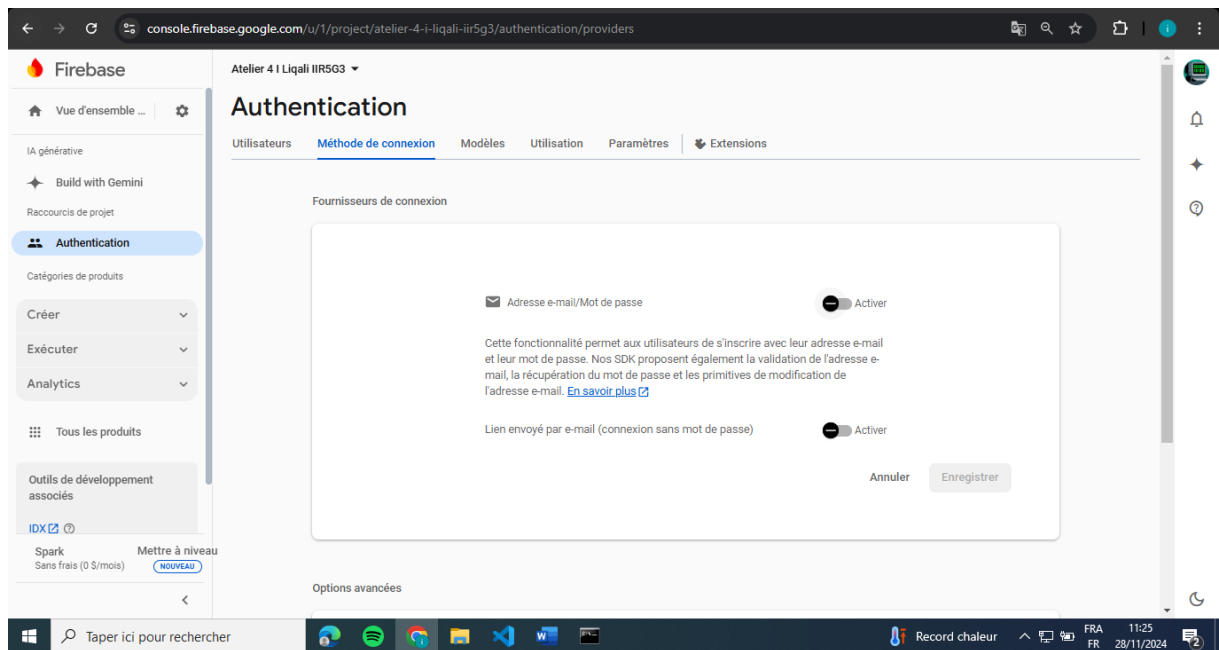


Configurer l'authentification dans la console Firebase

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The screenshot shows the Firebase Authentication console for the project 'Atelier 4 | Liqali IIR5G3'. The 'Méthode de connexion' (Connection Method) tab is selected. Under 'Fournisseurs de connexion' (Connection Providers), the 'Adresse e-mail/Mot de passe' (Email/Password) provider is active. Below it, the 'Lien envoyé par e-mail (connexion sans mot de passe)' (Email link (passwordless connection)) option is also active. The 'Enregistrer' (Save) button is visible. The left sidebar shows the 'Authentication' section selected. The bottom status bar indicates the time is 11:26 on 28/11/2024.

The screenshot shows the same Firebase Authentication console. The 'Méthode de connexion' tab is still selected. The 'Adresse e-mail/Mot de passe' provider is active. The 'Options avancées' (Advanced Options) section is expanded, showing 'Authentification multifactor par SMS' (SMS Multi-factor Authentication). A blue box contains a note: 'La MFA et d'autres fonctionnalités avancées sont disponibles avec Identity Platform, la solution complète d'authentification des clients de Google Cloud, conçue en partenariat avec Firebase. Cette mise à niveau est disponible avec les formules Spark et Blaze.' The 'Mettre à niveau pour activer' (Upgrade to activate) button is visible. The bottom status bar indicates the time is 11:27 on 28/11/2024.

